

SEQUENCE LISTING

<110> SAXINGER, CARL
 <120> POLYPEPTIDES THAT BIND HIV GP120 AND RELATED NUCLEIC
 ACIDS, ANTIBODIES, COMPOSITIONS, AND METHODS OF USE
 <130> 215875
 <140> US
 <141> 2002-02-27
 <150> PCT/US00/23505
 <151> 2000-08-25
 <150> US 60/151,270
 <151> 1999-08-27
 <160> 1242
 <170> PatentIn version 3.1
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 02/27/02

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<400> 3

Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu
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Xaa Xaa Tyr Xaa Xaa Xaa Ser Xaa Ile Tyr Asp Ile Xaa Tyr Tyr Xaa
1 5 10 15

Xaa Glu

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Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Glu

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<400> 10
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<400> 11
 Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn

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Met Leu

<210> 12
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<400> 12
 Gln Trp Asp Phe Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr
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Phe Ile Gly Phe Phe Ser
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<210> 13
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<400> 13
 Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val Ile
 1 5 10 15

Leu Gly

<210> 14
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<400> 14
 Ala Pro Tyr Asn Ile Val Leu Leu Leu Asn Thr Phe Gln Glu Phe Phe
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Gly Leu Asn Asn Cys Ser
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<210> 15
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<400> 15
 Tyr Ala Phe Val Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe
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Gln Lys

<210> 16
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<400> 16
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Asp Asp

<210> 17
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<220>
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<400> 17
 Val Val Phe Gln Phe Gln His Ile Met Val Gly Leu Ile Leu Pro Gly
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Ile Val

<210> 18
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<400> 18
 Ile Asp Ser Phe Ile Leu Leu Glu Ile Ile Lys Gln Gly Cys Glu Phe
 1 5 10 15

Glu Asn

<210> 19
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<400> 19
 Leu Val Ile Ser Ile Phe Tyr His Lys Leu Gln Ser Leu Thr Asp Val
 1 5 10 15

Phe Leu

<210> 20
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<400> 20
 Pro Phe Trp Ala Tyr Ala Gly Ile His Glu Trp Val Phe Gly Gln Val
 1 5 10 15

Met Cys

<210> 21
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<400> 21

Glu Ala Ile Ser Thr Val Val Leu Ala Thr Gln Met Thr Leu Gly Phe
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Phe Leu

<210> 22

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<400> 22

Leu Thr Met Ile Val Cys Tyr Ser Val Ile Ile Lys Thr Leu Leu His
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Ala Gly

<210> 23

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<400> 23

Met Ala Val Phe Leu Leu Thr Gln Met Pro Phe Asn Leu Met Lys Phe
1 5 10 15

Ile Arg Ser Thr His Trp
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<210> 24

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<400> 24

His Trp Glu Tyr Tyr Ala Met Thr Ser Phe His Tyr Thr Ile Met Val
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Thr Glu

<210> 25

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<400> 25

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Lys Asn

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 Gln Leu

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 Asp Thr Tyr Ile Cys Glu Val Glu Asp
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 <400> 28
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

 <210> 29
 <211> 15
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 <400> 29
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

 <210> 30
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 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

 <210> 31
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 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
 1 5 10 15

Ser Glu

<210> 32
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<400> 32
 Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys
 1 5 10 15

Gln Lys

<210> 33
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<400> 33
 Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn
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Val Lys

<210> 34
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<400> 34
 Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile
 1 5 10 15

Ala Ala

<210> 35
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<400> 35
 Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg Leu
 1 5 10 15

Leu Pro

<210> 36
 <211> 18
 <212> PRT
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<220>
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<400> 36
 Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg Leu Leu Pro Pro Leu

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1 5 10 15

Tyr Ser

<210> 37
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<400> 37
 Val Lys Gln Ile Ala Ala Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val
 1 5 10 15

Phe Ile

<210> 38
 <211> 18
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<220>
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<400> 38
 Ala Ala Arg Leu Leu Pro Pro Leu Tyr Ser Leu Val Phe Ile Phe Gly
 1 5 10 15

Phe Val

<210> 39
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 1 5 10 15

Met Leu

<210> 40
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 Tyr Ser Leu Val Phe Ile Phe Gly Phe Val Gly Asn Met Leu Val Ile
 1 5 10 15

Leu Ile

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<400> 41

Phe Ile Phe Gly Phe Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile
 1 5 10 15

Asn Cys

<210> 42
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<400> 42
 Phe Val Gly Asn Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg
 1 5 10 15

Leu Lys

<210> 43
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<400> 43
 Met Leu Val Ile Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met
 1 5 10 15

Thr Asp

<210> 44
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 Leu Ile Leu Ile Asn Cys Lys Arg Leu Lys Ser Met Thr Asp Ile Tyr
 1 5 10 15

Leu Leu

<210> 45
 <211> 18
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<400> 45
 Asn Cys Lys Arg Leu Lys Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu
 1 5 10 15

Ala Ile

<210> 46
 <211> 18
 <212> PRT
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<220>
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<400> 46
 Leu Lys Ser Met Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp
 1 5 10 15

Leu Phe

<210> 47
 <211> 18
 <212> PRT
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<400> 47
 Thr Asp Ile Tyr Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu
 1 5 10 15

Leu Thr

<210> 48
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 Leu Leu Asn Leu Ala Ile Ser Asp Leu Phe Phe Leu Leu Thr Val Pro
 1 5 10 15

Phe Trp

<210> 49
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<400> 49
 Ala Ile Ser Asp Leu Phe Phe Leu Leu Thr Val Pro Phe Trp Ala His
 1 5 10 15

Tyr Ala

<210> 50
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 Leu Phe Phe Leu Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala
 1 5 10 15

Gln Trp

<210> 51
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 <212> PRT
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<400> 51
 Leu Thr Val Pro Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe
 1 5 10 15

Gly Asn

<210> 52
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 Phe Trp Ala His Tyr Ala Ala Ala Gln Trp Asp Phe Gly Asn Thr Met
 1 5 10 15

Cys Gln

<210> 53
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 <212> PRT
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<220>
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 Tyr Ala Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Gln Leu Leu
 1 5 10 15

Thr Gly

<210> 54
 <211> 18
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 Gln Trp Asp Phe Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr
 1 5 10 15

Phe Ile

<210> 55
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 55
 Gly Asn Thr Met Cys Gln Leu Leu Thr Gly Leu Tyr Phe Ile Gly Phe
 1 5 10 15

Phe Ser

<210> 56
 <211> 18
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<220>

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<400> 56

Cys Gln Leu Leu Thr Gly Leu Tyr Phe Ile Gly Phe Phe Ser Gly Ile
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Phe Phe

<210> 57

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 57

Thr Gly Leu Tyr Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile
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Leu Leu

<210> 58

<211> 18

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<213> Artificial Sequence

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<400> 58

Phe Ile Gly Phe Phe Ser Gly Ile Phe Phe Ile Ile Leu Leu Thr Ile
1 5 10 15

Asp Arg

<210> 59

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 59

Phe Ser Gly Ile Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu
1 5 10 15

Ala Val

<210> 60

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 60

Phe Phe Ile Ile Leu Leu Thr Ile Asp Arg Tyr Leu Ala Val Val His
1 5 10 15

Ala Val

<210> 61

<211> 18

<212> PRT

<213> Artificial Sequence

<220>
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 <400> 61
 Leu Leu Thr Ile Asp Arg Tyr Leu Ala Val Val His Ala Val Phe Ala
 1 5 10 15

 Leu Lys

 <210> 62
 <211> 18
 <212> PRT
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 <400> 62
 Asp Arg Tyr Leu Ala Val Val His Ala Val Phe Ala Leu Lys Ala Arg
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 Thr Val

 <210> 63
 <211> 18
 <212> PRT
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 <400> 63
 Ala Val Val His Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe
 1 5 10 15

 Gly Val

 <210> 64
 <211> 18
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 <213> Artificial Sequence

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 <400> 64
 Ala Val Phe Ala Leu Lys Ala Arg Thr Val Thr Phe Gly Val Val Thr
 1 5 10 15

 Ser Val

 <210> 65
 <211> 18
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 Leu Lys Ala Arg Thr Val Thr Phe Gly Val Val Thr Ser Val Ile Thr
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 Trp Val

 <210> 66
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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 66

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| Thr | Val | Thr | Phe | Gly | Val | Val | Thr | Ser | Val | Ile | Thr | Trp | Val | Val | Ala |
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Val Phe

<210> 67

<211> 18

<212> PRT

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<400> 67

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Val | Val | Thr | Ser | Val | Ile | Thr | Trp | Val | Val | Ala | Val | Phe | Ala | Ser |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Leu Pro

<210> 68

<211> 18

<212> PRT

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<400> 68

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| Ser | Val | Ile | Thr | Trp | Val | Val | Ala | Val | Phe | Ala | Ser | Leu | Pro | Gly | Ile |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Ile Phe

<210> 69

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 69

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| Trp | Val | Val | Ala | Val | Phe | Ala | Ser | Leu | Pro | Gly | Ile | Ile | Phe | Thr | Arg |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Ser Gln

<210> 70

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 70

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| Val | Phe | Ala | Ser | Leu | Pro | Gly | Ile | Ile | Phe | Thr | Arg | Ser | Gln | Lys | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Leu

<210> 71

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<400> 71

Leu Pro Gly Ile Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr
1 5 10 15

Thr Cys

<210> 72

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<400> 72

Ile Phe Thr Arg Ser Gln Lys Glu Gly Leu His Tyr Thr Cys Ser Ser
1 5 10 15

His Phe

<210> 73

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<400> 73

Ser Gln Lys Glu Gly Leu His Tyr Thr Cys Ser Ser His Phe Pro Tyr
1 5 10 15

Ser Gln

<210> 74

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<212> PRT

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<400> 74

Gly Leu His Tyr Thr Cys Ser Ser His Phe Pro Tyr Ser Gln Tyr Gln
1 5 10 15

Phe Trp

<210> 75

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<400> 75

Gly Leu His Tyr Thr Cys Ser Ser His Phe Pro Tyr Ser Gln Tyr Gln
1 5 10 15

Phe Trp

<210> 76

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<400> 76
His Phe Pro Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr Leu
1 5 10 15

Lys Ile

<210> 77
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<223> Description of Artificial Sequence: binding peptide

<400> 77
Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val Ile
1 5 10 15

Leu Gly

<210> 78
<211> 18
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<223> Description of Artificial Sequence: binding peptide

<400> 78
Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val Ile Leu Gly Leu Val
1 5 10 15

Leu Pro

<210> 79
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 79
Phe Gln Thr Leu Lys Ile Val Ile Leu Gly Leu Val Leu Pro Leu Leu
1 5 10 15

Val Met

<210> 80
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 80
Lys Ile Val Ile Leu Gly Leu Val Leu Pro Leu Leu Val Met Val Ile
1 5 10 15

Cys Tyr

<210> 81

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<211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 81
 Leu Gly Leu Val Leu Pro Leu Leu Val Met Val Ile Cys Tyr Ser Gly
 1 5 10 15

Ile Leu

<210> 82
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 82
 Leu Pro Leu Leu Val Met Val Ile Cys Tyr Ser Gly Ile Leu Lys Thr
 1 5 10 15

Leu Leu

<210> 83
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 83
 Val Met Val Ile Cys Tyr Ser Gly Ile Leu Lys Thr Leu Leu Arg Cys
 1 5 10 15

Arg Asn

<210> 84
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 84
 Cys Tyr Ser Gly Ile Leu Lys Thr Leu Leu Arg Cys Arg Asn Glu Lys
 1 5 10 15

Lys Arg

<210> 85
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 85
 Ile Leu Lys Thr Leu Leu Arg Cys Arg Asn Glu Lys Lys Arg His Arg
 1 5 10 15

Ala Val

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<210> 86
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 86
 Leu Leu Arg Cys Arg Asn Glu Lys Lys Arg His Arg Ala Val Arg Leu
 1 5 10 15

Ile Phe

<210> 87
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 87
 Arg Asn Glu Lys Lys Arg His Arg Ala Val Arg Leu Ile Phe Thr Ile
 1 5 10 15

Met Ile

<210> 88
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 88
 Lys Arg His Arg Ala Val Arg Leu Ile Phe Thr Ile Met Ile Val Tyr
 1 5 10 15

Phe Leu

<210> 89
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 89
 Ala Val Arg Leu Ile Phe Thr Ile Met Ile Val Tyr Phe Leu Phe Trp
 1 5 10 15

Ala Pro

<210> 90
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 90
 Ile Phe Thr Ile Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr Asn
 1 5 10 15

Ile Val

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<210> 91
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 91
 Met Ile Val Tyr Phe Leu Phe Trp Ala Pro Tyr Asn Ile Val Leu Leu
 1 5 10 15

Leu Asn

<210> 92
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 92
 Phe Leu Phe Trp Ala Pro Tyr Asn Ile Val Leu Leu Leu Asn Thr Phe
 1 5 10 15

Gln Glu

<210> 93
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 93
 Ala Pro Tyr Asn Ile Val Leu Leu Leu Asn Thr Phe Gln Glu Phe Phe
 1 5 10 15

Gly Leu

<210> 94
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 94
 Ile Val Leu Leu Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn Asn
 1 5 10 15

Cys Ser

<210> 95
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 95
 Leu Asn Thr Phe Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser
 1 5 10 15

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Asn Arg

<210> 96
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 96
 Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp
 1 5 10 15

Gln Ala

<210> 97
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 97
 Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp Gln Ala Met Gln
 1 5 10 15

Val Thr

<210> 98
 <211> 18
 <212> PRT
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<220>
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<400> 98
 Cys Ser Ser Ser Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr
 1 5 10 15

Leu Gly

<210> 99
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 99
 Asn Arg Leu Asp Gln Ala Met Gln Val Thr Glu Thr Leu Gly Met Thr
 1 5 10 15

His Cys

<210> 100
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 100
 Gln Ala Met Gln Val Thr Glu Thr Leu Gly Met Thr His Cys Cys Ile

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1 5 10 15

Asn Pro

<210> 101
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 101
 Val Thr Glu Thr Leu Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile
 1 5 10 15

Tyr Ala

<210> 102
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 102
 Leu Gly Met Thr His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val
 1 5 10 15

Gly Glu

<210> 103
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 103
 His Cys Cys Ile Asn Pro Ile Ile Tyr Ala Phe Val Gly Glu Lys Phe
 1 5 10 15

Arg Asn

<210> 104
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 104
 Asn Pro Ile Ile Tyr Ala Phe Val Gly Glu Lys Phe Arg Asn Tyr Leu
 1 5 10 15

Leu Val

<210> 105
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 105

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Tyr Ala Phe Val Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe
 1 5 10 15

Gln Lys

<210> 106

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 106

Gly Glu Lys Phe Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His Ile
 1 5 10 15

Ala Lys

<210> 107

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 107

Arg Asn Tyr Leu Leu Val Phe Phe Gln Lys His Ile Ala Lys Arg Phe
 1 5 10 15

Cys Lys

<210> 108

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 108

Leu Val Phe Phe Gln Lys His Ile Ala Lys Arg Phe Cys Lys Cys Cys
 1 5 10 15

Ser Ile

<210> 109

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 109

Gln Lys His Ile Ala Lys Arg Phe Cys Lys Cys Cys Ser Ile Phe Gln
 1 5 10 15

Gln Glu

<210> 110

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

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<400> 110
 Ala Lys Arg Phe Cys Lys Cys Cys Ser Ile Phe Gln Gln Glu Ala Pro
 1 5 10 15

Glu Arg

<210> 111
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 111
 Cys Lys Cys Cys Ser Ile Phe Gln Gln Glu Ala Pro Glu Arg Ala Ser
 1 5 10 15

Ser Val

<210> 112
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 112
 Ser Ile Phe Gln Gln Glu Ala Pro Glu Arg Ala Ser Ser Val Tyr Thr
 1 5 10 15

Arg Ser

<210> 113
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 113
 Gln Glu Ala Pro Glu Arg Ala Ser Ser Val Tyr Thr Arg Ser Thr Gly
 1 5 10 15

Glu Gln

<210> 114
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 114
 Glu Arg Ala Ser Ser Val Tyr Thr Arg Ser Thr Gly Glu Gln Glu Ile
 1 5 10 15

Ser Val

<210> 115
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

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 10084813-022702

<400> 115
 Ser Val Tyr Thr Arg Ser Thr Gly Glu Gln Glu Ile Ser Val Gly Leu
 1 5 10 15

<210> 116
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 116
 Met Glu Gly Ile Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met
 1 5 10 15

Gly Ser

<210> 117
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 117
 Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp
 1 5 10 15

Tyr Asp

<210> 118
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 118
 Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met
 1 5 10 15

Lys Glu

<210> 119
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 119
 Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys
 1 5 10 15

Phe Arg

<210> 120
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

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<400> 120

Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu
 1 5 10 15

Asn Ala

<210> 121

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 121

Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala Asn Phe
 1 5 10 15

Asn Lys

<210> 122

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 122

Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala Asn Phe Asn Lys Ile Phe
 1 5 10 15

Leu Pro

<210> 123

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 123

Phe Arg Glu Glu Asn Ala Asn Phe Asn Lys Ile Phe Leu Pro Thr Ile
 1 5 10 15

Tyr Ser

<210> 124

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 124

Asn Ala Asn Phe Asn Lys Ile Phe Leu Pro Thr Ile Tyr Ser Ile Ile
 1 5 10 15

Phe Leu

<210> 125

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 125

Asn Lys Ile Phe Leu Pro Thr Ile Tyr Ser Ile Ile Phe Leu Thr Gly
1 5 10 15

Ile Val

<210> 126

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 126

Leu Pro Thr Ile Tyr Ser Ile Ile Phe Leu Thr Gly Ile Val Gly Asn
1 5 10 15

Gly Leu

<210> 127

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 127

Tyr Ser Ile Ile Phe Leu Thr Gly Ile Val Gly Asn Gly Leu Val Ile
1 5 10 15

Leu Val

<210> 128

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 128

Phe Leu Thr Gly Ile Val Gly Asn Gly Leu Val Ile Leu Val Met Gly
1 5 10 15

Tyr Gln

<210> 129

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 129

Ile Val Gly Asn Gly Leu Val Ile Leu Val Met Gly Tyr Gln Lys Lys
1 5 10 15

Leu Arg

<210> 130

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 130

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Leu | Val | Ile | Leu | Val | Met | Gly | Tyr | Gln | Lys | Lys | Leu | Arg | Ser | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Thr Asp

<210> 131

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 131

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leu | Val | Met | Gly | Tyr | Gln | Lys | Lys | Leu | Arg | Ser | Met | Thr | Asp | Lys | Tyr |
| 1 | | | | | 5 | | | | 10 | | | | | 15 | |

Arg Leu

<210> 132

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 132

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tyr | Gln | Lys | Lys | Leu | Arg | Ser | Met | Thr | Asp | Lys | Tyr | Arg | Leu | His | Leu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Ser Val

<210> 133

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 133

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leu | Arg | Ser | Met | Thr | Asp | Lys | Tyr | Arg | Leu | His | Leu | Ser | Val | Ala | Asp |
| 1 | | | | | 5 | | | | 10 | | | | | 15 | |

Leu Leu

<210> 134

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 134

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | Asp | Lys | Tyr | Arg | Leu | His | Leu | Ser | Val | Ala | Asp | Leu | Leu | Phe | Val |
| 1 | | | | | 5 | | | | 10 | | | | | 15 | |

Ile Thr

<210> 135

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 135

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Leu | His | Leu | Ser | Val | Ala | Asp | Leu | Leu | Phe | Val | Ile | Thr | Leu | Pro |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Phe Trp

<210> 136

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 136

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Val | Ala | Asp | Leu | Leu | Phe | Val | Ile | Thr | Leu | Pro | Phe | Trp | Ala | Val |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Asp Ala

<210> 137

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 137

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leu | Leu | Phe | Val | Ile | Thr | Leu | Pro | Phe | Trp | Ala | Val | Asp | Ala | Val | Ala |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Asn Trp

<210> 138

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 138

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ile | Thr | Leu | Pro | Phe | Trp | Ala | Val | Asp | Ala | Val | Ala | Asn | Trp | Tyr | Phe |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Gly Asn

<210> 139

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 139

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Phe | Trp | Ala | Val | Asp | Ala | Val | Ala | Asn | Trp | Tyr | Phe | Gly | Asn | Phe | Leu |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Cys Lys

<210> 140

<211> 18

<212> PRT

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 145
 Thr Val Asn Leu Tyr Ser Ser Val Leu Ile Leu Ala Phe Ile Ser Leu
 1 5 10 15

Asp Arg

<210> 146
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 146
 Tyr Ser Ser Val Leu Ile Leu Ala Phe Ile Ser Leu Asp Arg Tyr Leu
 1 5 10 15

Ala Ile

<210> 147
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 147
 Leu Ile Leu Ala Phe Ile Ser Leu Asp Arg Tyr Leu Ala Ile Val His
 1 5 10 15

Ala Thr

<210> 148
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 148
 Phe Ile Ser Leu Asp Arg Tyr Leu Ala Ile Val His Ala Thr Asn Ser
 1 5 10 15

Gln Arg

<210> 149
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 149
 Asp Arg Tyr Leu Ala Ile Val His Ala Thr Asn Ser Gln Arg Pro Arg
 1 5 10 15

Lys Leu

<210> 150

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<211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 150
 Ala Ile Val His Ala Thr Asn Ser Gln Arg Pro Arg Lys Leu Leu Ala
 1 5 10 15

Glu Lys

<210> 151
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 151
 Ala Thr Asn Ser Gln Arg Pro Arg Lys Leu Leu Ala Glu Lys Val Val
 1 5 10 15

Tyr Val

<210> 152
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 152
 Gln Arg Pro Arg Lys Leu Leu Ala Glu Lys Val Val Tyr Val Gly Val
 1 5 10 15

Trp Ile

<210> 153
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 153
 Lys Leu Leu Ala Glu Lys Val Val Tyr Val Gly Val Trp Ile Pro Ala
 1 5 10 15

Leu Leu

<210> 154
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 154
 Glu Lys Val Val Tyr Val Gly Val Trp Ile Pro Ala Leu Leu Leu Thr
 1 5 10 15

Ile Pro

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<210> 155
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 155
 Tyr Val Gly Val Trp Ile Pro Ala Leu Leu Leu Thr Ile Pro Asp Phe
 1 5 10 15

Ile Phe

<210> 156
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 156
 Trp Ile Pro Ala Leu Leu Leu Thr Ile Pro Asp Phe Ile Phe Ala Asn
 1 5 10 15

Val Ser

<210> 157
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 157
 Leu Leu Leu Thr Ile Pro Asp Phe Ile Phe Ala Asn Val Ser Glu Ala
 1 5 10 15

Asp Asp

<210> 158
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 158
 Ile Pro Asp Phe Ile Phe Ala Asn Val Ser Glu Ala Asp Asp Arg Tyr
 1 5 10 15

Ile Cys

<210> 159
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 159
 Ile Phe Ala Asn Val Ser Glu Ala Asp Asp Arg Tyr Ile Cys Asp Arg
 1 5 10 15

Phe Tyr

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<210> 160
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 160
 Val Ser Glu Ala Asp Asp Arg Tyr Ile Cys Asp Arg Phe Tyr Pro Asn
 1 5 10 15

Asp Leu

<210> 161
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 161
 Asp Asp Arg Tyr Ile Cys Asp Arg Phe Tyr Pro Asn Asp Leu Trp Val
 1 5 10 15

Val Val

<210> 162
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 162
 Ile Cys Asp Arg Phe Tyr Pro Asn Asp Leu Trp Val Val Val Phe Gln
 1 5 10 15

Phe Gln

<210> 163
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 163
 Phe Tyr Pro Asn Asp Leu Trp Val Val Val Phe Gln Phe Gln His Ile
 1 5 10 15

Met Val

<210> 164
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 164
 Asp Leu Trp Val Val Val Phe Gln Phe Gln His Ile Met Val Gly Leu
 1 5 10 15

1 5 10 15

Ser Lys

<210> 170
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 170
 Ser Cys Tyr Cys Ile Ile Ile Ser Lys Leu Ser His Ser Lys Gly His
 1 5 10 15

Gln Lys

<210> 171
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 171
 Ile Ile Ile Ser Lys Leu Ser His Ser Lys Gly His Gln Lys Arg Lys
 1 5 10 15

Ala Leu

<210> 172
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 172
 Lys Leu Ser His Ser Lys Gly His Gln Lys Arg Lys Ala Leu Lys Thr
 1 5 10 15

Thr Val

<210> 173
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 173
 Ser Lys Gly His Gln Lys Arg Lys Ala Leu Lys Thr Thr Val Ile Leu
 1 5 10 15

Ile Leu

<210> 174
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 174

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Gln Lys Arg Lys Ala Leu Lys Thr Thr Val Ile Leu Ile Leu Ala Phe
 1 5 10 15

Phe Ala

<210> 175

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 175

Ala Leu Lys Thr Thr Val Ile Leu Ile Leu Ala Phe Phe Ala Cys Trp
 1 5 10 15

Leu Pro

<210> 176

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 176

Thr Val Ile Leu Ile Leu Ala Phe Phe Ala Cys Trp Leu Pro Tyr Tyr
 1 5 10 15

Ile Gly

<210> 177

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 177

Ile Leu Ala Phe Phe Ala Cys Trp Leu Pro Tyr Tyr Ile Gly Ile Ser
 1 5 10 15

Ile Asp

<210> 178

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 178

Phe Ala Cys Trp Leu Pro Tyr Tyr Ile Gly Ile Ser Ile Asp Ser Phe
 1 5 10 15

Ile Leu

<210> 179

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

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<400> 179

Leu Pro Tyr Tyr Ile Gly Ile Ser Ile Asp Ser Phe Ile Leu Leu Glu
 1 5 10 15

Ile Ile

<210> 180

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 180

Ile Gly Ile Ser Ile Asp Ser Phe Ile Leu Leu Glu Ile Ile Lys Gln
 1 5 10 15

Gly Cys

<210> 181

<211> 18

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 181

Ile Asp Ser Phe Ile Leu Leu Glu Ile Ile Lys Gln Gly Cys Glu Phe
 1 5 10 15

Glu Asn

<210> 182

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 182

Ile Leu Leu Glu Ile Ile Lys Gln Gly Cys Glu Phe Glu Asn Thr Val
 1 5 10 15

His Lys

<210> 183

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 183

Ile Ile Lys Gln Gly Cys Glu Phe Glu Asn Thr Val His Lys Trp Ile
 1 5 10 15

Ser Ile

<210> 184

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 184

Gly Cys Glu Phe Glu Asn Thr Val His Lys Trp Ile Ser Ile Thr Glu
 1 5 10 15

Ala Leu

<210> 185

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 185

Glu Asn Thr Val His Lys Trp Ile Ser Ile Thr Glu Ala Leu Ala Phe
 1 5 10 15

Phe His

<210> 186

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 186

His Lys Trp Ile Ser Ile Thr Glu Ala Leu Ala Phe Phe His Cys Cys
 1 5 10 15

Leu Asn

<210> 187

<211> 18

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<400> 187

Ser Ile Thr Glu Ala Leu Ala Phe Phe His Cys Cys Leu Asn Pro Ile
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Leu Tyr

<210> 188

<211> 18

<212> PRT

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<400> 188

Ala Leu Ala Phe Phe His Cys Cys Leu Asn Pro Ile Leu Tyr Ala Phe
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Leu Gly

<210> 189

<211> 18

<212> PRT

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<220>

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<400> 189

Phe His Cys Cys Leu Asn Pro Ile Leu Tyr Ala Phe Leu Gly Ala Lys
1 5 10 15

Phe Lys

<210> 190

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 190

Leu Asn Pro Ile Leu Tyr Ala Phe Leu Gly Ala Lys Phe Lys Thr Ser
1 5 10 15

Ala Gln

<210> 191

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 191

Leu Tyr Ala Phe Leu Gly Ala Lys Phe Lys Thr Ser Ala Gln His Ala
1 5 10 15

Leu Thr

<210> 192

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 192

Leu Gly Ala Lys Phe Lys Thr Ser Ala Gln His Ala Leu Thr Ser Val
1 5 10 15

Ser Arg

<210> 193

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 193

Phe Lys Thr Ser Ala Gln His Ala Leu Thr Ser Val Ser Arg Gly Ser
1 5 10 15

Ser Leu

<210> 194

<211> 18

<212> PRT

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 194
 Ala Gln His Ala Leu Thr Ser Val Ser Arg Gly Ser Ser Leu Lys Ile
 1 5 10 15

 Leu Ser

 <210> 195
 <211> 18
 <212> PRT
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 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 195
 Leu Thr Ser Val Ser Arg Gly Ser Ser Leu Lys Ile Leu Ser Lys Gly
 1 5 10 15

 Lys Arg

 <210> 196
 <211> 18
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 196
 Ser Arg Gly Ser Ser Leu Lys Ile Leu Ser Lys Gly Lys Arg Gly Gly
 1 5 10 15

 His Ser

 <210> 197
 <211> 18
 <212> PRT
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 <220>
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 <400> 197
 Ser Leu Lys Ile Leu Ser Lys Gly Lys Arg Gly Gly His Ser Ser Val
 1 5 10 15

 Ser Thr

 <210> 198
 <211> 18
 <212> PRT
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 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 198
 Leu Ser Lys Gly Lys Arg Gly Gly His Ser Ser Val Ser Thr Glu Ser
 1 5 10 15

 Glu Ser

 <210> 199
 <211> 18
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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 199

Lys Arg Gly Gly His Ser Ser Val Ser Thr Glu Ser Glu Ser Ser Ser
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Phe His

<210> 200

<211> 16

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<223> Description of Artificial Sequence: binding peptide

<400> 200

His Ser Ser Val Ser Thr Glu Ser Glu Ser Ser Ser Phe His Ser Ser
 1 5 10 15

<210> 201

<211> 18

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 201

Met Ala Glu His Asp Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn
 1 5 10 15

Asp Ser

<210> 202

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 202

Asp Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln
 1 5 10 15

Glu Glu

<210> 203

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 203

Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln
 1 5 10 15

Ala Phe

<210> 204

<211> 18

<212> PRT

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 204
 Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln
 1 5 10 15

 Phe Ser

 <210> 205
 <211> 18
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 205
 Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val
 1 5 10 15

 Phe Leu

 <210> 206
 <211> 18
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 206
 Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

 Met Tyr

 <210> 207
 <211> 18
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 207
 Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys Met Tyr Leu Val
 1 5 10 15

 Val Phe

 <210> 208
 <211> 18
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 208
 Phe Ser Lys Val Phe Leu Pro Cys Met Tyr Leu Val Val Phe Val Cys
 1 5 10 15

 Gly Leu

 <210> 209
 <211> 18
 <212> PRT
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10084913.022702

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 209

Phe Leu Pro Cys Met Tyr Leu Val Val Phe Val Cys Gly Leu Val Gly
 1 5 10 15

Asn Ser

<210> 210

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 210

Met Tyr Leu Val Val Phe Val Cys Gly Leu Val Gly Asn Ser Leu Val
 1 5 10 15

Leu Val

<210> 211

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 211

Val Phe Val Cys Gly Leu Val Gly Asn Ser Leu Val Leu Val Ile Ser
 1 5 10 15

Ile Phe

<210> 212

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 212

Gly Leu Val Gly Asn Ser Leu Val Leu Val Ile Ser Ile Phe Tyr His
 1 5 10 15

Lys Leu

<210> 213

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 213

Asn Ser Leu Val Leu Val Ile Ser Ile Phe Tyr His Lys Leu Gln Ser
 1 5 10 15

Leu Thr

<210> 214

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 214

Leu Val Ile Ser Ile Phe Tyr His Lys Leu Gln Ser Leu Thr Asp Val
1 5 10 15

Phe Leu

<210> 215

<211> 18

<212> PRT

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<400> 215

Ile Phe Tyr His Lys Leu Gln Ser Leu Thr Asp Val Phe Leu Val Asn
1 5 10 15

Leu Pro

<210> 216

<211> 18

<212> PRT

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<400> 216

Lys Leu Gln Ser Leu Thr Asp Val Phe Leu Val Asn Leu Pro Leu Ala
1 5 10 15

Asp Leu

<210> 217

<211> 18

<212> PRT

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<400> 217

Leu Thr Asp Val Phe Leu Val Asn Leu Pro Leu Ala Asp Leu Val Phe
1 5 10 15

Val Cys

<210> 218

<211> 18

<212> PRT

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<220>

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<400> 218

Phe Leu Val Asn Leu Pro Leu Ala Asp Leu Val Phe Val Cys Thr Leu
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Pro Phe

<210> 219

<211> 18

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<212> PRT
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<220>
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<400> 219
 Leu Pro Leu Ala Asp Leu Val Phe Val Cys Thr Leu Pro Phe Trp Ala
 1 5 10 15

Tyr Ala

<210> 220
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 220
 Asp Leu Val Phe Val Cys Thr Leu Pro Phe Trp Ala Tyr Ala Gly Ile
 1 5 10 15

His Glu

<210> 221
 <211> 18
 <212> PRT
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<220>
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<400> 221
 Val Cys Thr Leu Pro Phe Trp Ala Tyr Ala Gly Ile His Glu Trp Val
 1 5 10 15

Phe Gly

<210> 222
 <211> 18
 <212> PRT
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<220>
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<400> 222
 Pro Phe Trp Ala Tyr Ala Gly Ile His Glu Trp Val Phe Gly Gln Val
 1 5 10 15

Met Cys

<210> 223
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 223
 Pro Phe Trp Ala Tyr Ala Gly Ile His Glu Trp Val Phe Gly Gln Val
 1 5 10 15

Met Cys

<210> 224

<211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 224
 His Glu Trp Val Phe Gly Gln Val Met Cys Lys Ser Leu Leu Gly Ile
 1 5 10 15

Tyr Thr

<210> 225
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 225
 Phe Gly Gln Val Met Cys Lys Ser Leu Leu Gly Ile Tyr Thr Ile Asn
 1 5 10 15

Phe Tyr

<210> 226
 <211> 18
 <212> PRT
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<220>
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<400> 226
 Met Cys Lys Ser Leu Leu Gly Ile Tyr Thr Ile Asn Phe Tyr Thr Ser
 1 5 10 15

Met Leu

<210> 227
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 227
 Leu Leu Gly Ile Tyr Thr Ile Asn Phe Tyr Thr Ser Met Leu Ile Leu
 1 5 10 15

Thr Cys

<210> 228
 <211> 18
 <212> PRT
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<220>
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<400> 228
 Tyr Thr Ile Asn Phe Tyr Thr Ser Met Leu Ile Leu Thr Cys Ile Thr
 1 5 10 15

Val Asp

<210> 229
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 229
 Phe Tyr Thr Ser Met Leu Ile Leu Thr Cys Ile Thr Val Asp Arg Phe
 1 5 10 15

Ile Val

<210> 230
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 230
 Met Leu Ile Leu Thr Cys Ile Thr Val Asp Arg Phe Ile Val Val Val
 1 5 10 15

Lys Ala

<210> 231
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 231
 Thr Cys Ile Thr Val Asp Arg Phe Ile Val Val Val Lys Ala Thr Lys
 1 5 10 15

Ala Tyr

<210> 232
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 232
 Val Asp Arg Phe Ile Val Val Val Lys Ala Thr Lys Ala Tyr Asn Gln
 1 5 10 15

Gln Ala

<210> 233
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 233
 Ile Val Val Val Lys Ala Thr Lys Ala Tyr Asn Gln Gln Ala Lys Arg
 1 5 10 15

Met Thr

<210> 234
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 234
 Lys Ala Thr Lys Ala Tyr Asn Gln Gln Ala Lys Arg Met Thr Trp Gly
 1 5 10 15

Lys Val

<210> 235
 <211> 18
 <212> PRT
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<220>
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<400> 235
 Ala Tyr Asn Gln Gln Ala Lys Arg Met Thr Trp Gly Lys Val Thr Ser
 1 5 10 15

Leu Leu

<210> 236
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 236
 Gln Ala Lys Arg Met Thr Trp Gly Lys Val Thr Ser Leu Leu Ile Trp
 1 5 10 15

Val Ile

<210> 237
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 237
 Met Thr Trp Gly Lys Val Thr Ser Leu Leu Ile Trp Val Ile Ser Leu
 1 5 10 15

Leu Val

<210> 238
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 238
 Lys Val Thr Ser Leu Leu Ile Trp Val Ile Ser Leu Leu Val Ser Leu
 1 5 10 15

Pro Gln

<210> 239
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 239
 Leu Leu Ile Trp Val Ile Ser Leu Leu Val Ser Leu Pro Gln Ile Ile
 1 5 10 15

Tyr Gly

<210> 240
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 240
 Val Ile Ser Leu Leu Val Ser Leu Pro Gln Ile Ile Tyr Gly Asn Val
 1 5 10 15

Phe Asn

<210> 241
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 241
 Leu Val Ser Leu Pro Gln Ile Ile Tyr Gly Asn Val Phe Asn Leu Asp
 1 5 10 15

Lys Leu

<210> 242
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 242
 Pro Gln Ile Ile Tyr Gly Asn Val Phe Asn Leu Asp Lys Leu Ile Cys
 1 5 10 15

Gly Tyr

<210> 243
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 243
 Tyr Gly Asn Val Phe Asn Leu Asp Lys Leu Ile Cys Gly Tyr His Asp
 1 5 10 15

Glu Ala

<210> 244
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 244
 Phe Asn Leu Asp Lys Leu Ile Cys Gly Tyr His Asp Glu Ala Ile Ser
 1 5 10 15

Thr Val

<210> 245
 <211> 18
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 <213> Artificial Sequence

<220>
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<400> 245
 Lys Leu Ile Cys Gly Tyr His Asp Glu Ala Ile Ser Thr Val Val Leu
 1 5 10 15

Ala Thr

<210> 246
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 246
 Gly Tyr His Asp Glu Ala Ile Ser Thr Val Val Leu Ala Thr Gln Met
 1 5 10 15

Thr Leu

<210> 247
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 247
 Glu Ala Ile Ser Thr Val Val Leu Ala Thr Gln Met Thr Leu Gly Phe
 1 5 10 15

Phe Leu

<210> 248
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 248
 Thr Val Val Leu Ala Thr Gln Met Thr Leu Gly Phe Phe Leu Pro Leu

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1 5 10 15

Leu Thr

<210> 249
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 249
 Ala Thr Gln Met Thr Leu Gly Phe Phe Leu Pro Leu Leu Thr Met Ile
 1 5 10 15

Val Cys

<210> 250
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 250
 Thr Leu Gly Phe Phe Leu Pro Leu Leu Thr Met Ile Val Cys Tyr Ser
 1 5 10 15

Val Ile

<210> 251
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 251
 Phe Leu Pro Leu Leu Thr Met Ile Val Cys Tyr Ser Val Ile Ile Lys
 1 5 10 15

Thr Leu

<210> 252
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 252
 Leu Thr Met Ile Val Cys Tyr Ser Val Ile Ile Lys Thr Leu Leu His
 1 5 10 15

Ala Gly

<210> 253
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 253

Val Cys Tyr Ser Val Ile Ile Lys Thr Leu Leu His Ala Gly Gly Phe
 1 5 10 15

Gln Lys

<210> 254
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 254
 Val Ile Ile Lys Thr Leu Leu His Ala Gly Gly Phe Gln Lys His Arg
 1 5 10 15

Ser Leu

<210> 255
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 255

Thr Leu Leu His Ala Gly Gly Phe Gln Lys His Arg Ser Leu Lys Ile
 1 5 10 15

Ile Phe

<210> 256
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 256
 Ala Gly Gly Phe Gln Lys His Arg Ser Leu Lys Ile Ile Phe Leu Val
 1 5 10 15

Met Ala

<210> 257
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 257
 Gln Lys His Arg Ser Leu Lys Ile Ile Phe Leu Val Met Ala Val Phe
 1 5 10 15

Leu Leu

<210> 258
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 258

Ser Leu Lys Ile Ile Phe Leu Val Met Ala Val Phe Leu Leu Thr Gln
 1 5 10 15

Met Pro

<210> 259

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 259

Ile Phe Leu Val Met Ala Val Phe Leu Leu Thr Gln Met Pro Phe Asn
 1 5 10 15

Leu Met

<210> 260

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 260

Met Ala Val Phe Leu Leu Thr Gln Met Pro Phe Asn Leu Met Lys Phe
 1 5 10 15

Ile Arg

<210> 261

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 261

Leu Leu Thr Gln Met Pro Phe Asn Leu Met Lys Phe Ile Arg Ser Thr
 1 5 10 15

His Trp

<210> 262

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 262

Met Pro Phe Asn Leu Met Lys Phe Ile Arg Ser Thr His Trp Glu Tyr
 1 5 10 15

Tyr Ala

<210> 263

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 263

Leu Met Lys Phe Ile Arg Ser Thr His Trp Glu Tyr Tyr Ala Met Thr
1 5 10 15

Ser Phe

<210> 264

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 264

Ile Arg Ser Thr His Trp Glu Tyr Tyr Ala Met Thr Ser Phe His Tyr
1 5 10 15

Thr Ile

<210> 265

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 265

His Trp Glu Tyr Tyr Ala Met Thr Ser Phe His Tyr Thr Ile Met Val
1 5 10 15

Thr Glu

<210> 266

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 266

Tyr Ala Met Thr Ser Phe His Tyr Thr Ile Met Val Thr Glu Ala Ile
1 5 10 15

Ala Tyr

<210> 267

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 267

Ser Phe His Tyr Thr Ile Met Val Thr Glu Ala Ile Ala Tyr Leu Arg
1 5 10 15

Ala Cys

<210> 268

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 268

Thr Ile Met Val Thr Glu Ala Ile Ala Tyr Leu Arg Ala Cys Leu Asn
 1 5 10 15

Pro Val

<210> 269

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 269

Thr Glu Ala Ile Ala Tyr Leu Arg Ala Cys Leu Asn Pro Val Leu Tyr
 1 5 10 15

Ala Phe

<210> 270

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 270

Ala Tyr Leu Arg Ala Cys Leu Asn Pro Val Leu Tyr Ala Phe Val Ser
 1 5 10 15

Leu Lys

<210> 271

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 271

Ala Cys Leu Asn Pro Val Leu Tyr Ala Phe Val Ser Leu Lys Phe Arg
 1 5 10 15

Lys Asn

<210> 272

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 272

Pro Val Leu Tyr Ala Phe Val Ser Leu Lys Phe Arg Lys Asn Phe Trp
 1 5 10 15

Lys Leu

<210> 273

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 273

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Phe | Val | Ser | Leu | Lys | Phe | Arg | Lys | Asn | Phe | Trp | Lys | Leu | Val | Lys |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |

Asp Ile

<210> 274

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 274

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leu | Lys | Phe | Arg | Lys | Asn | Phe | Trp | Lys | Leu | Val | Lys | Asp | Ile | Gly | Cys |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |

Leu Pro

<210> 275

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 275

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Asn | Phe | Trp | Lys | Leu | Val | Lys | Asp | Ile | Gly | Cys | Leu | Pro | Tyr | Leu |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |

Gly Val

<210> 276

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 276

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Leu | Val | Lys | Asp | Ile | Gly | Cys | Leu | Pro | Tyr | Leu | Gly | Val | Ser | His |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |

Gln Trp

<210> 277

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 277

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Ile | Gly | Cys | Leu | Pro | Tyr | Leu | Gly | Val | Ser | His | Gln | Trp | Lys | Ser |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Ser Glu

<210> 278

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 278

Leu Pro Tyr Leu Gly Val Ser His Gln Trp Lys Ser Ser Glu Asp Asn
1 5 10 15

Ser Lys

<210> 279

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 279

Gly Val Ser His Gln Trp Lys Ser Ser Glu Asp Asn Ser Lys Thr Phe
1 5 10 15

Ser Ala

<210> 280

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 280

Gln Trp Lys Ser Ser Glu Asp Asn Ser Lys Thr Phe Ser Ala Ser His
1 5 10 15

Asn Val

<210> 281

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 281

Ser Glu Asp Asn Ser Lys Thr Phe Ser Ala Ser His Asn Val Glu Ala
1 5 10 15

Thr Ser

<210> 282

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 282

Ser Lys Thr Phe Ser Ala Ser His Asn Val Glu Ala Thr Ser Met Phe
1 5 10 15

Gln Leu

<210> 283

<211> 21

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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide
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<400> 283
Met Asn Arg Gly Val Pro Phe Arg His Leu Leu Leu Val Leu Gln Leu
1 5 10 15

Ala Leu Leu Pro Ala
20

<210> 284
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 284
Pro Phe Arg His Leu Leu Leu Val Leu Gln Leu Ala Leu Leu Pro Ala
1 5 10 15

Ala Thr Gln Gly Lys
20

<210> 285
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 285
Leu Leu Val Leu Gln Leu Ala Leu Leu Pro Ala Ala Thr Gln Gly Lys
1 5 10 15

Lys Val Val Leu Gly
20

<210> 286
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 286
Leu Ala Leu Leu Pro Ala Ala Thr Gln Gly Lys Lys Val Val Leu Gly
1 5 10 15

Lys Lys Gly Asp Thr
20

<210> 287
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 287
Ala Ala Thr Gln Gly Lys Lys Val Val Leu Gly Lys Lys Gly Asp Thr
1 5 10 15

Val Glu Leu Thr Cys
20

<210> 288
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 288
Lys Lys Val Val Leu Gly Lys Lys Gly Asp Thr Val Glu Leu Thr Cys
1 5 10 15

Thr Ala Ser Gln Lys
20

<210> 289
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 289
Gly Lys Lys Gly Asp Thr Val Glu Leu Thr Cys Thr Ala Ser Gln Lys
1 5 10 15

Lys Ser Ile Gln Phe
20

<210> 290
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 290
Thr Val Glu Leu Thr Cys Thr Ala Ser Gln Lys Lys Ser Ile Gln Phe
1 5 10 15

His Trp Lys Asn Ser
20

<210> 291
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 291
Cys Thr Ala Ser Gln Lys Lys Ser Ile Gln Phe His Trp Lys Asn Ser
1 5 10 15

Asn Gln Ile Lys Ile
20

<210> 292
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 292

Lys Lys Ser Ile Gln Phe His Trp Lys Asn Ser Asn Gln Ile Lys Ile
 1 5 10 15

Leu Gly Asn Gln Gly
 20

<210> 293

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 293

Phe His Trp Lys Asn Ser Asn Gln Ile Lys Ile Leu Gly Asn Gln Gly
 1 5 10 15

Ser Phe Leu Thr Lys
 20

<210> 294

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 294

Ser Asn Gln Ile Lys Ile Leu Gly Asn Gln Gly Ser Phe Leu Thr Lys
 1 5 10 15

Gly Pro Ser Lys Leu
 20

<210> 295

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 295

Ile Leu Gly Asn Gln Gly Ser Phe Leu Thr Lys Gly Pro Ser Lys Leu
 1 5 10 15

Asn Asp Arg Ala Asp
 20

<210> 296

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 296

Gly Ser Phe Leu Thr Lys Gly Pro Ser Lys Leu Asn Asp Arg Ala Asp
 1 5 10 15

Ser Arg Arg Ser Leu
 20

<210> 297
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 297

Lys Gly Pro Ser Lys Leu Asn Asp Arg Ala Asp Ser Arg Arg Ser Leu
 1 5 10 15

Trp Asp Gln Gly Asn
 20

<210> 298
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 298

Leu Asn Asp Arg Ala Asp Ser Arg Arg Ser Leu Trp Asp Gln Gly Asn
 1 5 10 15

Phe Pro Leu Ile Ile
 20

<210> 299
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 299

Asp Ser Arg Arg Ser Leu Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile
 1 5 10 15

Lys Asn Leu Lys Ile
 20

<210> 300
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 300

Leu Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile
 1 5 10 15

Glu Asp Ser Asp Thr
 20

<210> 301
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 301

Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr
 1 5 10 15

Tyr Ile Cys Glu Val
 20

<210> 302

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 302

Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val
 1 5 10 15

Glu Asp Gln Lys Glu
 20

<210> 303

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 303

Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu
 1 5 10 15

Glu Val Gln Leu Leu
 20

<210> 304

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 304

Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu
 1 5 10 15

Val Phe Gly Leu Thr
 20

<210> 305

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 305

Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
 1 5 10 15

Ala Asn Ser Asp Thr
 20

<210> 306

<211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 306
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr
 1 5 10 15
 His Leu Leu Gln Gly
 20

<210> 307
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 307
 Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly
 1 5 10 15
 Gln Ser Leu Thr Leu
 20

<210> 308
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 308
 Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu
 1 5 10 15
 Thr Leu Glu Ser Pro
 20

<210> 309
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 309
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser Pro
 1 5 10 15
 Pro Gly Ser Ser Pro
 20

<210> 310
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 310
 Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser Pro Pro Gly Ser Ser Pro

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1 5 10 15

Ser Val Gln Cys Arg
20

<210> 311
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 311
Leu Thr Leu Glu Ser Pro Pro Gly Ser Ser Pro Ser Val Gln Cys Arg
1 5 10 15

Ser Pro Arg Gly Lys
20

<210> 312
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 312
Pro Pro Gly Ser Ser Pro Ser Val Gln Cys Arg Ser Pro Arg Gly Lys
1 5 10 15

Asn Ile Gln Gly Gly
20

<210> 313
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 313
Pro Ser Val Gln Cys Arg Ser Pro Arg Gly Lys Asn Ile Gln Gly Gly
1 5 10 15

Lys Thr Leu Ser Val
20

<210> 314
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 314
Arg Ser Pro Arg Gly Lys Asn Ile Gln Gly Gly Lys Thr Leu Ser Val
1 5 10 15

Ser Gln Leu Glu Leu
20

<210> 315
<211> 21
<212> PRT
<213> Artificial Sequence

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<220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 315
 Lys Asn Ile Gln Gly Gly Lys Thr Leu Ser Val Ser Gln Leu Glu Leu
 1 5 10 15

 Gln Asp Ser Gly Thr
 20

 <210> 316
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 316
 Gly Lys Thr Leu Ser Val Ser Gln Leu Glu Leu Gln Asp Ser Gly Thr
 1 5 10 15

 Trp Thr Cys Thr Val
 20

 <210> 317
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 317
 Val Ser Gln Leu Glu Leu Gln Asp Ser Gly Thr Trp Thr Cys Thr Val
 1 5 10 15

 Leu Gln Asn Gln Lys
 20

 <210> 318
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 318
 Leu Gln Asp Ser Gly Thr Trp Thr Cys Thr Val Leu Gln Asn Gln Lys
 1 5 10 15

 Lys Val Glu Phe Lys
 20

 <210> 319
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 319
 Thr Trp Thr Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys
 1 5 10 15

 Ile Asp Ile Val Val

20

<210> 320
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 320
 Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val
 1 5 10 15

Leu Ala Phe Gln Lys
 20

<210> 321
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 321
 Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys
 1 5 10 15

Ala Ser Ser Ile Val
 20

<210> 322
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 322
 Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val
 1 5 10 15

Tyr Lys Lys Glu Gly
 20

<210> 323
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 323
 Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly
 1 5 10 15

Glu Gln Val Glu Phe
 20

<210> 324
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 324

Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe
 1 5 10 15

Ser Phe Pro Leu Ala
 20

<210> 325

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 325

Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala
 1 5 10 15

Phe Thr Val Glu Lys
 20

<210> 326

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 326

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys
 1 5 10 15

Leu Thr Gly Ser Gly
 20

<210> 327

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 327

Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly
 1 5 10 15

Glu Leu Trp Trp Gln
 20

<210> 328

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 328

Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln
 1 5 10 15

Ala Glu Arg Ala Ser
 20

<210> 329
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 329
 Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln Ala Glu Arg Ala Ser
 1 5 10 15

Ser Ser Lys Ser Trp
 20

<210> 330
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 330
 Gly Glu Leu Trp Trp Gln Ala Glu Arg Ala Ser Ser Ser Lys Ser Trp
 1 5 10 15

Ile Thr Phe Asp Leu
 20

<210> 331
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 331
 Gln Ala Glu Arg Ala Ser Ser Ser Lys Ser Trp Ile Thr Phe Asp Leu
 1 5 10 15

Lys Asn Lys Glu Val
 20

<210> 332
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 332
 Ser Ser Ser Lys Ser Trp Ile Thr Phe Asp Leu Lys Asn Lys Glu Val
 1 5 10 15

Ser Val Lys Arg Val
 20

<210> 333
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 333

Trp Ile Thr Phe Asp Leu Lys Asn Lys Glu Val Ser Val Lys Arg Val
 1 5 10 15

Thr Gln Asp Pro Lys
 20

<210> 334
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 334
 Leu Lys Asn Lys Glu Val Ser Val Lys Arg Val Thr Gln Asp Pro Lys
 1 5 10 15

Leu Gln Met Gly Lys
 20

<210> 335
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 335
 Val Ser Val Lys Arg Val Thr Gln Asp Pro Lys Leu Gln Met Gly Lys
 1 5 10 15

Lys Leu Pro Leu His
 20

<210> 336
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 336
 Val Thr Gln Asp Pro Lys Leu Gln Met Gly Lys Lys Leu Pro Leu His
 1 5 10 15

Leu Thr Leu Pro Gln
 20

<210> 337
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 337
 Lys Leu Gln Met Gly Lys Lys Leu Pro Leu His Leu Thr Leu Pro Gln
 1 5 10 15

Ala Leu Pro Gln Tyr
 20

<210> 338
 <211> 21
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 338

Lys Lys Leu Pro Leu His Leu Thr Leu Pro Gln Ala Leu Pro Gln Tyr
1 5 10 15

Ala Gly Ser Gly Asn
20

<210> 339

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 339

His Leu Thr Leu Pro Gln Ala Leu Pro Gln Tyr Ala Gly Ser Gly Asn
1 5 10 15

Leu Thr Leu Ala Leu
20

<210> 340

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 340

Gln Ala Leu Pro Gln Tyr Ala Gly Ser Gly Asn Leu Thr Leu Ala Leu
1 5 10 15

Glu Ala Lys Thr Gly
20

<210> 341

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 341

Tyr Ala Gly Ser Gly Asn Leu Thr Leu Ala Leu Glu Ala Lys Thr Gly
1 5 10 15

Lys Leu His Gln Glu
20

<210> 342

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 342

Asn Leu Thr Leu Ala Leu Glu Ala Lys Thr Gly Lys Leu His Gln Glu
1 5 10 15

Val Asn Leu Val Val
20

<210> 343
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 343
Leu Glu Ala Lys Thr Gly Lys Leu His Gln Glu Val Asn Leu Val Val
1 5 10 15

Met Arg Ala Thr Gln
20

<210> 344
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 344
Gly Lys Leu His Gln Glu Val Asn Leu Val Val Met Arg Ala Thr Gln
1 5 10 15

Leu Gln Lys Asn Leu
20

<210> 345
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 345
Glu Val Asn Leu Val Val Met Arg Ala Thr Gln Leu Gln Lys Asn Leu
1 5 10 15

Thr Cys Glu Val Trp
20

<210> 346
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 346
Val Met Arg Ala Thr Gln Leu Gln Lys Asn Leu Thr Cys Glu Val Trp
1 5 10 15

Gly Pro Thr Ser Pro
20

<210> 347
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 347

Gln Leu Gln Lys Asn Leu Thr Cys Glu Val Trp Gly Pro Thr Ser Pro
 1 5 10 15

Lys Leu Met Leu Ser
 20

<210> 348

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 348

Leu Thr Cys Glu Val Trp Gly Pro Thr Ser Pro Lys Leu Met Leu Ser
 1 5 10 15

Leu Lys Leu Glu Asn
 20

<210> 349

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 349

Trp Gly Pro Thr Ser Pro Lys Leu Met Leu Ser Leu Lys Leu Glu Asn
 1 5 10 15

Lys Glu Ala Lys Val
 20

<210> 350

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 350

Pro Lys Leu Met Leu Ser Leu Lys Leu Glu Asn Lys Glu Ala Lys Val
 1 5 10 15

Ser Lys Arg Glu Lys
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<210> 351

<211> 21

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 351

Ser Leu Lys Leu Glu Asn Lys Glu Ala Lys Val Ser Lys Arg Glu Lys
 1 5 10 15

Ala Val Trp Val Leu
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<210> 352
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<400> 352
 Asn Lys Glu Ala Lys Val Ser Lys Arg Glu Lys Ala Val Trp Val Leu
 1 5 10 15

Asn Pro Glu Ala Gly
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<210> 353
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 353
 Val Ser Lys Arg Glu Lys Ala Val Trp Val Leu Asn Pro Glu Ala Gly
 1 5 10 15

Met Trp Gln Cys Leu
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<210> 354
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 354
 Lys Ala Val Trp Val Leu Asn Pro Glu Ala Gly Met Trp Gln Cys Leu
 1 5 10 15

Leu Ser Asp Ser Gly
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<210> 355
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 355
 Leu Asn Pro Glu Ala Gly Met Trp Gln Cys Leu Leu Ser Asp Ser Gly
 1 5 10 15

Gln Val Leu Leu Glu
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<210> 356
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<220>
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<400> 356
 Gly Met Trp Gln Cys Leu Leu Ser Asp Ser Gly Gln Val Leu Leu Glu
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Ser Asn Ile Lys Val
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<210> 357
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 <212> PRT
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<220>
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<400> 357
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 1 5 10 15

Leu Pro Thr Trp Ser
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<210> 358
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<220>
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<400> 358
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Thr Pro Val Gln Pro
 20

<210> 359
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<220>
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 1 5 10 15

Met Ala Leu Ile Val
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<210> 360
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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 360
 Val Leu Pro Thr Trp Ser Thr Pro Val Gln Pro Met Ala Leu Ile Val
 1 5 10 15

Leu Gly Gly Val Ala
 20

<210> 361
 <211> 21

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<212> PRT
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<220>
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<400> 361
 Ser Thr Pro Val Gln Pro Met Ala Leu Ile Val Leu Gly Gly Val Ala
 1 5 10 15
 Gly Leu Leu Leu Phe
 20

<210> 362
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 362
 Pro Met Ala Leu Ile Val Leu Gly Gly Val Ala Gly Leu Leu Leu Phe
 1 5 10 15
 Ile Gly Leu Gly Ile
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<210> 363
 <211> 21
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<220>
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<400> 363
 Val Leu Gly Gly Val Ala Gly Leu Leu Leu Phe Ile Gly Leu Gly Ile
 1 5 10 15
 Phe Phe Cys Val Arg
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<210> 364
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<220>
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<400> 364
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 Cys Arg His Arg Arg
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<220>
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<400> 365
 Phe Ile Gly Leu Gly Ile Phe Phe Cys Val Arg Cys Arg His Arg Arg
 1 5 10 15

Arg Gln Ala Glu Arg
20

<210> 366
<211> 21
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<400> 366
Ile Phe Phe Cys Val Arg Cys Arg His Arg Arg Arg Gln Ala Glu Arg
1 5 10 15

Met Ser Gln Ile Lys
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<210> 367
<211> 21
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 367
Arg Cys Arg His Arg Arg Arg Gln Ala Glu Arg Met Ser Gln Ile Lys
1 5 10 15

Arg Leu Leu Ser Glu
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<210> 368
<211> 21
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 368
Arg Arg Gln Ala Glu Arg Met Ser Gln Ile Lys Arg Leu Leu Ser Glu
1 5 10 15

Lys Lys Thr Cys Gln
20

<210> 369
<211> 21
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<220>
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<400> 369
Arg Met Ser Gln Ile Lys Arg Leu Leu Ser Glu Lys Lys Thr Cys Gln
1 5 10 15

Cys Pro His Arg Phe
20

<210> 370
<211> 21
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<220>

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<400> 370

Lys Arg Leu Leu Ser Glu Lys Lys Thr Cys Gln Cys Pro His Arg Phe
 1 5 10 15

Gln Lys Thr Cys Ser
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<210> 371

<211> 18

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<213> Artificial Sequence

<220>

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<400> 371

Glu Lys Lys Thr Cys Gln Cys Pro His Arg Phe Gln Lys Thr Cys Ser
 1 5 10 15

Pro Ile

<210> 372

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 372

Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
 1 5 10 15

Ser Glu

<210> 373

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 373

Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser
 1 5 10 15

Glu Pro

<210> 374

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 374

Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu
 1 5 10 15

Pro Cys

<210> 375

<211> 18

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 375

Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro
1 5 10 15

Cys Gln

<210> 376

<211> 18

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<400> 376

Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys
1 5 10 15

Gln Lys

<210> 377

<211> 18

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<220>

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<400> 377

Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Gln
1 5 10 15

Lys Ile

<210> 378

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 378

Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys
1 5 10 15

Ile Asn

<210> 379

<211> 18

<212> PRT

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<220>

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<400> 379

Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile
1 5 10 15

Asn Val

<210> 380

<211> 18

<212> PRT
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<220>
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<400> 380
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 1 5 10 15

Val Lys

<210> 381
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<400> 381
 Tyr Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn Val
 1 5 10 15

Lys Gln

<210> 382
 <211> 18
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<400> 382
 Asp Ile Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn Val Lys
 1 5 10 15

Gln Ile

<210> 383
 <211> 18
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<400> 383
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 1 5 10 15

Ile Ala

<210> 384
 <211> 18
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<220>
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<400> 384
 Asn Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile
 1 5 10 15

Ala Ala

<210> 385

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<211> 18
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 385
 Tyr Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala
 1 5 10 15

Ala Arg

<210> 386
 <211> 15
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<220>
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<400> 386
 Tyr Thr Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala
 1 5 10 15

<210> 387
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 387
 Thr Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala
 1 5 10 15

<210> 388
 <211> 15
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<220>
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<400> 388
 Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg
 1 5 10 15

<210> 389
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 389
 Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala
 1 5 10

<210> 390
 <211> 12
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<220>
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<400> 390
Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala
1 5 10

<210> 391
<211> 12
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<400> 391
Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg
1 5 10

<210> 392
<211> 9
<212> PRT
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<220>
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<400> 392
Gln Lys Ile Asn Val Lys Gln Ile Ala
1 5

<210> 393
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<220>
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Lys Ile Asn Val Lys Gln Ile Ala Ala
1 5

<210> 394
<211> 9
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<213> Artificial Sequence

<220>
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<400> 394
Ile Asn Val Lys Gln Ile Ala Ala Arg
1 5

<210> 395
<211> 18
<212> PRT
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<220>
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<400> 395
Met Glu Gly Ile Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met
1 5 10 15

Gly Ser

<210> 396
<211> 18

<212> PRT
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<220>
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<400> 396
 Glu Gly Ile Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly
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Ser Gly

<210> 397
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<220>
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<400> 397
 Gly Ile Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser
 1 5 10 15

Gly Asp

<210> 398
 <211> 18
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<220>
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<400> 398
 Ile Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly
 1 5 10 15

Asp Tyr

<210> 399
 <211> 18
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<400> 399
 Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp
 1 5 10 15

Tyr Asp

<210> 400
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<220>
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Asp Ser

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<210> 401
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<220>
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 Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp
 1 5 10 15

Ser Met

<210> 402
 <211> 18
 <212> PRT
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<400> 402
 Thr Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser
 1 5 10 15

Met Lys

<210> 403
 <211> 18
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<220>
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<400> 403
 Ser Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met
 1 5 10 15

Lys Glu

<210> 404
 <211> 18
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<220>
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<400> 404
 Asp Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys
 1 5 10 15

Glu Pro

<210> 405
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<220>
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<400> 405
 Asn Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu
 1 5 10 15

Pro Cys

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<210> 406
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<220>
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 Tyr Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro
 1 5 10 15

Cys Phe

<210> 407
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<220>
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<400> 407
 Thr Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys
 1 5 10 15

Phe Arg

<210> 408
 <211> 18
 <212> PRT
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<220>
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<400> 408
 Glu Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe
 1 5 10 15

Arg Glu

<210> 409
 <211> 18
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 409
 Glu Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg
 1 5 10 15

Glu Glu

<210> 410
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<400> 410
 Met Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu
 1 5 10 15

Glu Asn

<210> 411
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<400> 411
 Gly Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu
 1 5 10 15

Asn Ala

<210> 412
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<400> 412
 Ser Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu Asn
 1 5 10 15

Ala Asn

<210> 413
 <211> 18
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<400> 413
 Gly Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala
 1 5 10 15

Asn Phe

<210> 414
 <211> 18
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<400> 414
 Asp Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala Asn
 1 5 10 15

Phe Asn

<210> 415
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 415
 Tyr Asp Ser Met Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala Asn Phe
 1 5 10 15

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Asn Lys

<210> 416
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<220>
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<400> 416
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 1 5 10 15

Lys Ile

<210> 417
 <211> 15
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<220>
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<400> 417
 Ser Met Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala Asn Phe Asn
 1 5 10 15

<210> 418
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<220>
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<400> 418
 Met Lys Glu Pro Cys Phe Arg Glu Glu Asn Ala Asn Phe Asn Lys
 1 5 10 15

<210> 419
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 1 5 10 15

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<210> 421
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<400> 421

Pro Cys Phe Arg Glu Glu Asn Ala Asn Phe Asn Lys
 1 5 10

<210> 422

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<400> 422

Cys Phe Arg Glu Glu Asn Ala Asn Phe Asn Lys Ile
 1 5 10

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<220>

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<400> 423

Arg Glu Glu Asn Ala Asn Phe Asn Lys
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<400> 424

Met Ala Glu His Asp Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn
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Asp Ser

<210> 425

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<400> 425

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Ser Ser

<210> 426

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 426

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Glu His Asp Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser
 1 5 10 15

Ser Gln

<210> 427

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 427

His Asp Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser
 1 5 10 15

Gln Glu

<210> 428

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<400> 428

Asp Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln
 1 5 10 15

Glu Glu

<210> 429

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<212> PRT

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<400> 429

Tyr His Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu
 1 5 10 15

Glu His

<210> 430

<211> 18

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 430

His Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu
 1 5 10 15

His Gln

<210> 431

<211> 18

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 431

Glu Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His
 1 5 10 15

Gln Ala

<210> 432

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 432

Asp Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln
 1 5 10 15

Ala Phe

<210> 433

<211> 18

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 433

Tyr Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala
 1 5 10 15

Phe Leu

<210> 434

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 434

Gly Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe
 1 5 10 15

Leu Gln

<210> 435

<211> 18

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<220>

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<400> 435

Phe Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu
 1 5 10 15

Gln Phe

<210> 436

<211> 18

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<400> 436
 Ser Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln
 1 5 10 15

Phe Ser

<210> 437
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<400> 437
 Ser Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe
 1 5 10 15

Ser Lys

<210> 438
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<400> 438
 Phe Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser
 1 5 10 15

Lys Val

<210> 439
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<400> 439
 Asn Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser
 1 5 10 15

<210> 440
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<400> 440
 Asp Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys
 1 5 10 15

<210> 441
 <211> 15
 <212> PRT
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<220>
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<400> 441
 Ser Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val


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1              5              10              15

<210> 442
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<220>
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<400> 442
Ser Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser
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<210> 443
<211> 12
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<220>
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<400> 443
Gln Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys
  1              5              10

<210> 444
<211> 12
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<220>
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<400> 444
Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val
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<210> 445
<211> 9
<212> PRT
<213> Artificial Sequence

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<400> 445
Glu His Gln Ala Phe Leu Gln Phe Ser
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<210> 446
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
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<400> 446
His Gln Ala Phe Leu Gln Phe Ser Lys
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<210> 447
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<220>
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<400> 447

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<210> 448

<211> 18

<212> PRT

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<220>

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<400> 448

Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Glu

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<400> 449

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Ser Glu

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Ser Glu

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<211> 18

<212> PRT

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<400> 451

Met Asp Ala Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Glu

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Met Asp Tyr Ala Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Glu

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Ser Glu

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 454

Met Asp Tyr Gln Val Ala Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Glu

<210> 455

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<223> Description of Artificial Sequence: binding peptide

<400> 455

Met Asp Tyr Gln Val Ser Ala Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Glu

<210> 456

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Ser Glu

<210> 457

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<220>

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Ser Glu

<210> 458
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Ser Glu

<210> 459
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Ser Glu

<210> 460
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Ser Glu

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<400> 461
 Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Ala Tyr Tyr Thr
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Ser Glu

<210> 462
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<400> 462

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Ser Glu

<210> 463

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<400> 463

Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Ala Thr
 1 5 10 15

Ser Glu

<210> 464

<211> 18

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<220>

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<400> 464

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 1 5 10 15

Ser Glu

<210> 465

<211> 18

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<220>

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<400> 465

Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ala Glu

<210> 466

<211> 18

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<220>

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<400> 466

Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
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Ser Ala

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 Gly Ser
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 Gly Ser
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 Gly Ser
 <210> 471
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 Gly Ser
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10084813.022702
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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 472

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Glu | Gly | Ile | Ala | Ile | Tyr | Thr | Ser | Asp | Asn | Tyr | Thr | Glu | Glu | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Ser

<210> 473

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 473

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Glu | Gly | Ile | Ser | Ala | Tyr | Thr | Ser | Asp | Asn | Tyr | Thr | Glu | Glu | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Ser

<210> 474

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 474

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Glu | Gly | Ile | Ser | Ile | Ala | Thr | Ser | Asp | Asn | Tyr | Thr | Glu | Glu | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Ser

<210> 475

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 475

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Glu | Gly | Ile | Ser | Ile | Tyr | Ala | Ser | Asp | Asn | Tyr | Thr | Glu | Glu | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Ser

<210> 476

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 476

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Glu | Gly | Ile | Ser | Ile | Tyr | Thr | Ala | Asp | Asn | Tyr | Thr | Glu | Glu | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Ser

<210> 477

<211> 18

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 477
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 1 5 10 15

Gly Ser

<210> 478
 <211> 18
 <212> PRT
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<220>
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 1 5 10 15

Gly Ser

<210> 479
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 <212> PRT
 <213> Artificial Sequence

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 1 5 10 15

Gly Ser

<210> 480
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 1 5 10 15

Gly Ser

<210> 481
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 1 5 10 15

Gly Ser

<210> 482

<211> 18
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 1 5 10 15

Gly Ser

<210> 483
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 1 5 10 15

Gly Ser

<210> 484
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 1 5 10 15

Ala Ser

<210> 485
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<220>
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<400> 485
 Met Glu Gly Ile Ser Ile Tyr Thr Ser Asp Asn Tyr Thr Glu Glu Met
 1 5 10 15

Gly Ala

<210> 486
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<400> 486
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 1 5 10 15

Met Tyr

<210> 487
 <211> 18
 <212> PRT
 <213> Artificial Sequence

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<400> 487
 Ala Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 488
 <211> 18
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<400> 488
 Glu Ala His Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 489
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<220>
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<400> 489
 Glu Glu Ala Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 490
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 Glu Glu His Ala Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 491
 <211> 18
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<220>
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<400> 491
 Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 492
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 Glu Glu His Gln Ala Ala Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 493
 <211> 18
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<220>
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<400> 493
 Glu Glu His Gln Ala Phe Ala Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 494
 <211> 18
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<400> 494
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 1 5 10 15

Met Tyr

<210> 495
 <211> 18
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<220>
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<400> 495
 Glu Glu His Gln Ala Phe Leu Gln Ala Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 496
 <211> 18
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<220>
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<400> 496
 Glu Glu His Gln Ala Phe Leu Gln Phe Ala Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Tyr

<210> 497

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 497

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | His | Gln | Ala | Phe | Leu | Gln | Phe | Ser | Ala | Val | Phe | Leu | Pro | Cys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Met Tyr

<210> 498

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 498

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | His | Gln | Ala | Phe | Leu | Gln | Phe | Ser | Lys | Ala | Phe | Leu | Pro | Cys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Met Tyr

<210> 499

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 499

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | His | Gln | Ala | Phe | Leu | Gln | Phe | Ser | Lys | Val | Ala | Leu | Pro | Cys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Met Tyr

<210> 500

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 500

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | His | Gln | Ala | Phe | Leu | Gln | Phe | Ser | Lys | Val | Phe | Ala | Pro | Cys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Met Tyr

<210> 501

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 501

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | His | Gln | Ala | Phe | Leu | Gln | Phe | Ser | Lys | Val | Phe | Leu | Ala | Cys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Met Tyr

<210> 502
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 1 5 10 15

Met Tyr

<210> 503
 <211> 18
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<220>
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<400> 503
 Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Ala Tyr

<210> 504
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 504
 Glu Glu His Gln Ala Phe Leu Gln Phe Ser Lys Val Phe Leu Pro Cys
 1 5 10 15

Met Ala

<210> 505
 <211> 9
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<220>
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<400> 505
 Asp Thr Tyr Ile Cys Glu Val Glu Asp
 1 5

<210> 506
 <211> 9
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<220>
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 Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5

<210> 507
 <211> 9
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<220>
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<400> 507
 Glu Glu Val Gln Leu Leu Val Phe Gly
 1 5

<210> 508
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<220>
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 Glu Val Gln Leu Leu Val Phe Gly Leu
 1 5

<210> 509
 <211> 9
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 Glu Gln Val Glu Phe Ser Phe Pro Leu
 1 5

<210> 510
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<400> 510
 Gln Val Glu Phe Ser Phe Pro Leu Ala
 1 5

<210> 511
 <211> 9
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<400> 511
 Val Glu Phe Ser Phe Pro Leu Ala Phe
 1 5

<210> 512
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 <212> PRT
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<400> 512

Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5 10 15

<210> 513
 <211> 15
 <212> PRT
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 Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
 1 5 10 15

<210> 514
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 <212> PRT
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<220>
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 Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu
 1 5 10 15

<210> 515
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 <212> PRT
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<220>
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<400> 515
 Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
 1 5 10 15

<210> 516
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 516
 Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala
 1 5 10 15

<210> 517
 <211> 15
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<220>
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<400> 517
 Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn
 1 5 10 15

<210> 518
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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 518

Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser
1 5 10 15

<210> 519

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<220>

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<400> 519

Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
1 5 10 15

<210> 520

<211> 15

<212> PRT

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<220>

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<400> 520

Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr
1 5 10 15

<210> 521

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 521

Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu
1 5 10 15

<210> 522

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 522

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 523

<211> 15

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 523

His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser Pro
1 5 10 15

<210> 524

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 524

Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe
1 5 10 15

<210> 525

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 525

Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr
1 5 10 15

<210> 526

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 526

Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val
1 5 10 15

<210> 527

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

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<400> 527

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 528

<211> 15

<212> PRT

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<400> 528

Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys
1 5 10 15

<210> 529

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 529

Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu
1 5 10 15

<210> 530
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<220>
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 1 5 10

<210> 531
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 531
 Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5 10

<210> 532
 <211> 12
 <212> PRT
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<220>
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<400> 532
 Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
 1 5 10

<210> 533
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 533
 Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu
 1 5 10

<210> 534
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 534
 Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
 1 5 10

<210> 535
 <211> 12
 <212> PRT
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<400> 535

Glu Glu Val Gln Leu Val Phe Gly Leu Thr Ala
 1 5 10

<210> 536
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<400> 536
 Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn
 1 5 10

<210> 537
 <211> 12
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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 537
 Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu
 1 5 10

<210> 538
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 538
 Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala
 1 5 10

<210> 539
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 539
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe
 1 5 10

<210> 540
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 540
 Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr
 1 5 10

<210> 541
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 541

Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val
 1 5 10

<210> 542

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 542

Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu
 1 5 10 15

Leu Val

<210> 543

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 543

Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu
 1 5 10 15

Val Phe

<210> 544

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 544

Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val
 1 5 10 15

Phe Gly

<210> 545

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 545

Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5 10 15

Gly Leu

<210> 546

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 546

Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
1 5 10 15

Leu Thr

<210> 547

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 547

Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu
1 5 10 15

Thr Ala

<210> 548

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 548

Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
1 5 10 15

Ala Asn

<210> 549

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 549

Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala
1 5 10 15

Asn Ser

<210> 550

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 550

Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn
1 5 10 15

Ser Asp

<210> 551

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 551

Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser
 1 5 10 15

Asp Thr

<210> 552

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 552

Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr
 1 5 10 15

Leu Glu

<210> 553

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 553

Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu
 1 5 10 15

Glu Ser

<210> 554

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 554

Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu
 1 5 10 15

Ser Pro

<210> 555

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 555

Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu
 1 5 10 15

Ala Phe

<210> 556

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 556

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Val | Tyr | Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Phe Thr

<210> 557

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 557

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tyr | Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Thr Val

<210> 558

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 558

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Val Glu

<210> 559

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 559

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Glu Lys

<210> 560

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 560

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Lys Leu

<210> 561

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 561

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys
1 5 10 15

Leu Thr

<210> 562

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 562

Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp
1 5 10 15

Thr Tyr Ile Cys Glu
20

<210> 563

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 563

Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr
1 5 10 15

Tyr Ile Cys Glu Val
20

<210> 564

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 564

Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr
1 5 10 15

Ile Cys Glu Val Glu
20

<210> 565

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 565

Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile
1 5 10 15

Cys Glu Val Glu Asp
20

<210> 566
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 566
Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys
1 5 10 15

Glu Val Glu Asp Gln
20

<210> 567
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 567
Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu
1 5 10 15

Val Glu Asp Gln Lys
20

<210> 568
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 568
Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val
1 5 10 15

Glu Asp Gln Lys Glu
20

<210> 569
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 569
Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu
1 5 10 15

Asp Gln Lys Glu Glu
20

<210> 570
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 570

Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln
 1 5 10 15

Lys Glu Glu Val Gln
 20

<210> 571

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 571

Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys
 1 5 10 15

Glu Glu Val Gln Leu
 20

<210> 572

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 572

Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu
 1 5 10 15

Glu Val Gln Leu Leu
 20

<210> 573

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 573

Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu
 1 5 10 15

Val Gln Leu Leu Val
 20

<210> 574

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 574

Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val
 1 5 10 15

Gln Leu Leu Val Phe
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<210> 575
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 575
 Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln
 1 5 10 15

Leu Leu Val Phe Gly
 20

<210> 576
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 576
 Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu
 1 5 10 15

Leu Val Phe Gly Leu
 20

<210> 577
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 577
 Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu
 1 5 10 15

Val Phe Gly Leu Thr
 20

<210> 578
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 578
 Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val
 1 5 10 15

Phe Gly Leu Thr Ala
 20

<210> 579
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 579

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Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5 10 15

Gly Leu Thr Ala Asn
 20

<210> 580
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 580
 Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
 1 5 10 15

Leu Thr Ala Asn Ser
 20

<210> 581
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 581

Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser
 1 5 10 15

Leu Thr Leu Thr Leu
 20

<210> 582
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 582
 Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu
 1 5 10 15

Thr Leu Thr Leu Glu
 20

<210> 583
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 583
 Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr
 1 5 10 15

Leu Thr Leu Glu Ser
 20

<210> 584
 <211> 21

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 584
 Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu
 1 5 10 15
 Thr Leu Glu Ser Pro
 20

<210> 585
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 585
 Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val
 1 5 10 15
 Glu Phe Ser Phe Pro
 20

<210> 586
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 586
 Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu
 1 5 10 15
 Phe Ser Phe Pro Leu
 20

<210> 587
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 587
 Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe
 1 5 10 15
 Ser Phe Pro Leu Ala
 20

<210> 588
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 588
 Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser
 1 5 10 15

Phe Pro Leu Ala Phe
20

<210> 589
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 589
Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe
1 5 10 15

Pro Leu Ala Phe Thr
20

<210> 590
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 590
Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro
1 5 10 15

Leu Ala Phe Thr Val
20

<210> 591
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 591
Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu
1 5 10 15

Ala Phe Thr Val Glu
20

<210> 592
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 592
Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly
1 5 10 15

Glu Leu Trp Trp Gln
20

<210> 593
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 593
 Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu
 1 5 10 15

 Leu Trp Trp Gln Ala
 20

 <210> 594
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 594
 Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu
 1 5 10 15

 Trp Trp Gln Ala Glu
 20

 <210> 595
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 595
 Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp
 1 5 10 15

 Trp Gln Ala Glu Arg
 20

 <210> 596
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 596
 Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp
 1 5 10 15

 Gln Ala Glu Arg Ala
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 <210> 597
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 597
 Leu Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile
 1 5 10 15

 Glu Asp Ser Asp Thr
 20

<210> 598
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 598
 Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu
 1 5 10 15

Asp Ser Asp Thr Tyr
 20

<210> 599
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 599
 Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp
 1 5 10 15

Ser Asp Thr Tyr Ile
 20

<210> 600
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 600
 Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser
 1 5 10 15

Asp Thr Tyr Ile Cys
 20

<210> 601
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 601
 Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp
 1 5 10 15

Thr Tyr Ile Cys Glu
 20

<210> 602
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 602
 Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr
 1 5 10 15

Tyr Ile Cys Glu Val
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<210> 603
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 603
 Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr
 1 5 10 15

Ile Cys Glu Val Glu
 20

<210> 604
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 604
 Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile
 1 5 10 15

Cys Glu Val Glu Asp
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<210> 605
 <211> 21
 <212> PRT
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<220>
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<400> 605
 Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys
 1 5 10 15

Glu Val Glu Asp Gln
 20

<210> 606
 <211> 21
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 606
 Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu
 1 5 10 15

Val Glu Asp Gln Lys
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<210> 607
 <211> 21

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 607
Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val
1 5 10 15

Glu Asp Gln Lys Glu
20

<210> 608
<211> 21
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 608
Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu
1 5 10 15

Asp Gln Lys Glu Glu
20

<210> 609
<211> 21
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 609
Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp
1 5 10 15

Gln Lys Glu Glu Val
20

<210> 610
<211> 21
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 610
Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln
1 5 10 15

Lys Glu Glu Val Gln
20

<210> 611
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 611
Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys
1 5 10 15

20220303 10084813 022702

Glu Glu Val Gln Leu
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<210> 612
<211> 21
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 612
Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu
1 5 10 15

Glu Val Gln Leu Leu
20

<210> 613
<211> 21
<212> PRT
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<400> 613
Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu
1 5 10 15

Val Gln Leu Leu Val
20

<210> 614
<211> 21
<212> PRT
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<220>
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<400> 614
Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val
1 5 10 15

Gln Leu Leu Val Phe
20

<210> 615
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 615
Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln
1 5 10 15

Leu Leu Val Phe Gly
20

<210> 616
<211> 21
<212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 616
 Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu
 1 5 10 15

 Leu Val Phe Gly Leu
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 <210> 617
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 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 617
 Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu
 1 5 10 15

 Val Phe Gly Leu Thr
 20

 <210> 618
 <211> 21
 <212> PRT
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 <220>
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 <400> 618
 Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val
 1 5 10 15

 Phe Gly Leu Thr Ala
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 <210> 619
 <211> 21
 <212> PRT
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 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 619
 Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5 10 15

 Gly Leu Thr Ala Asn
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 <210> 620
 <211> 21
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: binding peptide

 <400> 620
 Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
 1 5 10 15

 Leu Thr Ala Asn Ser

20220720 10084813.022702

20

<210> 621
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 621
 Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu
 1 5 10 15

Thr Ala Asn Ser Asp
 20

<210> 622
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 622
 Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
 1 5 10 15

Ala Asn Ser Asp Thr
 20

<210> 623
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 623
 Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala
 1 5 10 15

Asn Ser Asp Thr His
 20

<210> 624
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 624
 Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn
 1 5 10 15

Ser Asp Thr His Leu
 20

<210> 625
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 625
 Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser
 1 5 10 15

Asp Thr His Leu Leu
 20

<210> 626
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 626
 Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

Thr His Leu Leu Gln
 20

<210> 627
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 627
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr
 1 5 10 15

His Leu Leu Gln Gly
 20

<210> 628
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 628
 Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His
 1 5 10 15

Leu Leu Gln Gly Gln
 20

<210> 629
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 629
 Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu
 1 5 10 15

Leu Gln Gly Gln Ser
 20

<210> 630

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<211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 630

Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu
 1 5 10 15

Gln Gly Gln Ser Leu
 20

<210> 631
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 631
 Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln
 1 5 10 15

Gly Gln Ser Leu Thr
 20

<210> 632
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 632
 Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly
 1 5 10 15

Gln Ser Leu Thr Leu
 20

<210> 633
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 633
 Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln
 1 5 10 15

Ser Leu Thr Leu Thr
 20

<210> 634
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 634

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Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser
 1 5 10 15

Leu Thr Leu Thr Leu
 20

<210> 635
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 635
 Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu
 1 5 10 15

Thr Leu Thr Leu Glu
 20

<210> 636
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 636
 Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr
 1 5 10 15

Leu Thr Leu Glu Ser
 20

<210> 637
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 637
 Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu
 1 5 10 15

Thr Leu Glu Ser Pro
 20

<210> 638
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 638
 Thr Trp Thr Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys
 1 5 10 15

Ile Asp Ile Val Val
 20

<210> 639
 <211> 21
 <212> PRT

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 639

Trp Thr Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile
1 5 10 15

Asp Ile Val Val Leu
20

<210> 640

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 640

Thr Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp
1 5 10 15

Ile Val Val Leu Ala
20

<210> 641

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 641

Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile
1 5 10 15

Val Val Leu Ala Phe
20

<210> 642

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 642

Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val
1 5 10 15

Val Leu Ala Phe Gln
20

<210> 643

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 643

Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val
1 5 10 15

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Leu Ala Phe Gln Lys
20

<210> 644
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 644
Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu
1 5 10 15

Ala Phe Gln Lys Ala
20

<210> 645
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 645
Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala
1 5 10 15

Phe Gln Lys Ala Ser
20

<210> 646
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 646
Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe
1 5 10 15

Gln Lys Ala Ser Ser
20

<210> 647
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 647
Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln
1 5 10 15

Lys Ala Ser Ser Ile
20

<210> 648
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 648

Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys
1 5 10 15

Ala Ser Ser Ile Val
20

<210> 649

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 649

Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala
1 5 10 15

Ser Ser Ile Val Tyr
20

<210> 650

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 650

Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser
1 5 10 15

Ser Ile Val Tyr Lys
20

<210> 651

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 651

Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser
1 5 10 15

Ile Val Tyr Lys Lys
20

<210> 652

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 652

Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile
1 5 10 15

Val Tyr Lys Lys Glu
20

<210> 653
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 653
 Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val
 1 5 10 15
 Tyr Lys Lys Glu Gly
 20

<210> 654
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 654
 Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr
 1 5 10 15
 Lys Lys Glu Gly Glu
 20

<210> 655
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 655
 Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys
 1 5 10 15
 Lys Glu Gly Glu Gln
 20

<210> 656
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 656
 Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys
 1 5 10 15
 Glu Gly Glu Gln Val
 20

<210> 657
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 657

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Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu
 1 5 10 15

Gly Glu Gln Val Glu
 20

<210> 658

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 658

Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly
 1 5 10 15

Glu Gln Val Glu Phe
 20

<210> 659

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 659

Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu
 1 5 10 15

Gln Val Glu Phe Ser
 20

<210> 660

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 660

Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln
 1 5 10 15

Val Glu Phe Ser Phe
 20

<210> 661

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 661

Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val
 1 5 10 15

Glu Phe Ser Phe Pro
 20

<210> 662

<211> 21

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<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 662
 Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu
 1 5 10 15

Phe Ser Phe Pro Leu
 20

<210> 663
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 663
 Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe
 1 5 10 15

Ser Phe Pro Leu Ala
 20

<210> 664
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 664
 Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser
 1 5 10 15

Phe Pro Leu Ala Phe
 20

<210> 665
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 665
 Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe
 1 5 10 15

Pro Leu Ala Phe Thr
 20

<210> 666
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 666
 Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro
 1 5 10 15

Leu Ala Phe Thr Val
20

<210> 667
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 667
Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu
1 5 10 15

Ala Phe Thr Val Glu
20

<210> 668
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 668
Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala
1 5 10 15

Phe Thr Val Glu Lys
20

<210> 669
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 669
Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe
1 5 10 15

Thr Val Glu Lys Leu
20

<210> 670
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 670
Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr
1 5 10 15

Val Glu Lys Leu Thr
20

<210> 671
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 671

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | |
|-----|-----|-----|-----|-----|
| Glu | Lys | Leu | Thr | Gly |
| | | | | 20 |

<210> 672

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 672

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | |
|-----|-----|-----|-----|-----|
| Lys | Leu | Thr | Gly | Ser |
| | | | | 20 |

<210> 673

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 673

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu | Lys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | |
|-----|-----|-----|-----|-----|
| Leu | Thr | Gly | Ser | Gly |
| | | | | 20 |

<210> 674

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 674

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu | Lys | Leu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | |
|-----|-----|-----|-----|-----|
| Thr | Gly | Ser | Gly | Glu |
| | | | | 20 |

<210> 675

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 675

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu | Lys | Leu | Thr |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | |
|-----|-----|-----|-----|-----|
| Gly | Ser | Gly | Glu | Leu |
| | | | | 20 |

<210> 676
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 676
 Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly
 1 5 10 15
 Ser Gly Glu Leu Trp
 20

<210> 677
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 677
 Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser
 1 5 10 15
 Gly Glu Leu Trp Trp
 20

<210> 678
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 678
 Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly
 1 5 10 15
 Glu Leu Trp Trp Gln
 20

<210> 679
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 679
 Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu
 1 5 10 15
 Leu Trp Trp Gln Ala
 20

<210> 680
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 680

Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu
 1 5 10 15

Trp Trp Gln Ala Glu
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<210> 681

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 681

Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp
 1 5 10 15

Trp Gln Ala Glu Arg
 20

<210> 682

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 682

Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp
 1 5 10 15

Gln Ala Glu Arg Ala
 20

<210> 683

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 683

Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln
 1 5 10 15

Ala Glu Arg Ala Ser
 20

<210> 684

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 684

Leu Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys
 1 5 10 15

<210> 685

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide
 <400> 685
 Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile
 1 5 10 15
 <210> 686
 <211> 15
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: binding peptide
 <400> 686
 Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu
 1 5 10 15
 <210> 687
 <211> 15
 <212> PRT
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 <220>
 <223> Description of Artificial Sequence: binding peptide
 <400> 687
 Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp
 1 5 10 15
 <210> 688
 <211> 15
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 <223> Description of Artificial Sequence: binding peptide
 <400> 688
 Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser
 1 5 10 15
 <210> 689
 <211> 15
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 <400> 689
 Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp
 1 5 10 15
 <210> 690
 <211> 15
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 <220>
 <223> Description of Artificial Sequence: binding peptide
 <400> 690
 Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr
 1 5 10 15
 <210> 691

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<211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 691
 Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr
 1 5 10 15

<210> 692
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 692
 Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile
 1 5 10 15

<210> 693
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 693
 Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys
 1 5 10 15

<210> 694
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 694
 Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu
 1 5 10 15

<210> 695
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 695
 Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val
 1 5 10 15

<210> 696
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 696
 Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu

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1 5 10 15

<210> 697
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 697
 Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp
 1 5 10 15

<210> 698
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 698
 Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln
 1 5 10 15

<210> 699
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 699
 Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys
 1 5 10 15

<210> 700
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 700
 Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu
 1 5 10 15

<210> 701
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 701
 Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu
 1 5 10 15

<210> 702
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>

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<223> Description of Artificial Sequence: binding peptide

<400> 702

Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val
1 5 10 15

<210> 703

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 703

Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln
1 5 10 15

<210> 704

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 704

Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu
1 5 10 15

<210> 705

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 705

Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu
1 5 10 15

<210> 706

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 706

Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val
1 5 10 15

<210> 707

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 707

Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
1 5 10 15

<210> 708

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 708

Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
1 5 10 15

<210> 709

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 709

Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu
1 5 10 15

<210> 710

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 710

Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
1 5 10 15

<210> 711

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 711

Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala
1 5 10 15

<210> 712

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 712

Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn
1 5 10 15

<210> 713

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 713

Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser
1 5 10 15

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<210> 714
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 714
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 715
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 715
 Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr
 1 5 10 15

<210> 716
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 716
 Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His
 1 5 10 15

<210> 717
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 717
 Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu
 1 5 10 15

<210> 718
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 718
 Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu
 1 5 10 15

<210> 719
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 719

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Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln
 1 5 10 15

<210> 720
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 720
 Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly
 1 5 10 15

<210> 721
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 721
 Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln
 1 5 10 15

<210> 722
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 722
 Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser
 1 5 10 15

<210> 723
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 723
 Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu
 1 5 10 15

<210> 724
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 724
 Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr
 1 5 10 15

<210> 725
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 725

Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu
1 5 10 15

<210> 726

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 726

Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr
1 5 10 15

<210> 727

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 727

Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu
1 5 10 15

<210> 728

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 728

Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu
1 5 10 15

<210> 729

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 729

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 730

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 730

His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser Pro
1 5 10 15

<210> 731

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 731

Leu Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile
1 5 10 15

Glu Asp

<210> 732

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 732

Trp Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu
1 5 10 15

Asp Ser

<210> 733

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 733

Asp Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp
1 5 10 15

Ser Asp

<210> 734

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 734

Gln Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser
1 5 10 15

Asp Thr

<210> 735

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 735

Gly Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp
1 5 10 15

Thr Tyr

<210> 736

<211> 18

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<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 736
 Asn Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr
 1 5 10 15

Tyr Ile

<210> 737
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 737
 Phe Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr
 1 5 10 15

Ile Cys

<210> 738
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 738
 Pro Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile
 1 5 10 15

Cys Glu

<210> 739
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 739
 Leu Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys
 1 5 10 15

Glu Val

<210> 740
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 740
 Ile Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu
 1 5 10 15

Val Glu

<210> 741

<211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 741
 Ile Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val
 1 5 10 15

Glu Asp

<210> 742
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 742
 Lys Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu
 1 5 10 15

Asp Gln

<210> 743
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 743
 Asn Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp
 1 5 10 15

Gln Lys

<210> 744
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 744
 Leu Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln
 1 5 10 15

Lys Glu

<210> 745
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 745
 Lys Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys
 1 5 10 15

Glu Glu

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<210> 746
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 746
 Ile Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu
 1 5 10 15

Glu Val

<210> 747
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 747
 Glu Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu
 1 5 10 15

Val Gln

<210> 748
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 748
 Asp Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val
 1 5 10 15

Gln Leu

<210> 749
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 749
 Ser Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln
 1 5 10 15

Leu Leu

<210> 750
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 750
 Asp Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu
 1 5 10 15

Leu Val

<210> 751
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 751
 Thr Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu
 1 5 10 15

Val Phe

<210> 752
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 752
 Tyr Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val
 1 5 10 15

Phe Gly

<210> 753
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 753
 Ile Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe
 1 5 10 15

Gly Leu

<210> 754
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 754
 Cys Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly
 1 5 10 15

Leu Thr

<210> 755
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 755
 Glu Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu
 1 5 10 15

Thr Ala

<210> 756
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 756
 Val Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr
 1 5 10 15

Ala Asn

<210> 757
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 757
 Glu Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala
 1 5 10 15

Asn Ser

<210> 758
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 758
 Asp Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn
 1 5 10 15

Ser Asp

<210> 759
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 759
 Gln Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser
 1 5 10 15

Asp Thr

<210> 760
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 760
 Lys Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp

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1 5 10 15

Thr His

<210> 761
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 761
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr
 1 5 10 15

His Leu

<210> 762
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 762
 Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His
 1 5 10 15

Leu Leu

<210> 763
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 763
 Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu
 1 5 10 15

Leu Gln

<210> 764
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 764
 Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu
 1 5 10 15

Gln Gly

<210> 765
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 765

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Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln
 1 5 10 15

Gly Gln

<210> 766
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 766
 Leu Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly
 1 5 10 15

Gln Ser

<210> 767
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 767
 Val Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln
 1 5 10 15

Ser Leu

<210> 768
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 768
 Phe Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser
 1 5 10 15

Leu Thr

<210> 769
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 769
 Gly Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu
 1 5 10 15

Thr Leu

<210> 770
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 770
 Leu Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr
 1 5 10 15

Leu Thr

<210> 771
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 771
 Thr Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu
 1 5 10 15

Thr Leu

<210> 772
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 772
 Ala Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr
 1 5 10 15

Leu Glu

<210> 773
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 773
 Asn Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu
 1 5 10 15

Glu Ser

<210> 774
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 774
 Ser Asp Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu
 1 5 10 15

Ser Pro

<210> 775
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 775

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Trp | Thr | Cys | Thr | Val | Leu | Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 776

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 776

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | Cys | Thr | Val | Leu | Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 777

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 777

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Thr | Val | Leu | Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 778

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 778

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | Val | Leu | Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 779

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 779

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Val | Leu | Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 780

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 780

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Leu | Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 781

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 781

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gln | Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val | Leu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 782

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 782

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asn | Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val | Leu | Ala |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 783

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 783

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gln | Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val | Leu | Ala | Phe |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 784

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 784

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val | Leu | Ala | Phe | Gln |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 785

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 785

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val | Leu | Ala | Phe | Gln | Lys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 786

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 786

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Val | Glu | Phe | Lys | Ile | Asp | Ile | Val | Val | Leu | Ala | Phe | Gln | Lys | Ala |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 787

<211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 787
 Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser
 1 5 10 15

<210> 788
 <211> 15
 <212> PRT
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 Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser
 1 5 10 15

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 Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile
 1 5 10 15

<210> 790
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 Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val
 1 5 10 15

<210> 791
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<220>
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<400> 791
 Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr
 1 5 10 15

<210> 792
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 792
 Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys

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1              5              10              15
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<220>
<223> Description of Artificial Sequence: binding peptide

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Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys
  1              5              10              15

<210> 794
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Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu
  1              5              10              15

<210> 795
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<220>
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<400> 795
Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly
  1              5              10              15

<210> 796
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<400> 796
Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu
  1              5              10              15

<210> 797
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  1              5              10              15

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<223> Description of Artificial Sequence: binding peptide

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Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val
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<223> Description of Artificial Sequence: binding peptide

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Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu
1 5 10 15

<210> 800

<211> 15

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

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Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe
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<210> 801

<211> 15

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 801

Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser
1 5 10 15

<210> 802

<211> 15

<212> PRT

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Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe
1 5 10 15

<210> 803

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<212> PRT

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Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro
1 5 10 15

<210> 804

<211> 15

<212> PRT

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Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu
1 5 10 15

<210> 805

<211> 15

<212> PRT

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Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala
1 5 10 15

<210> 806

<211> 15

<212> PRT

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<400> 806

Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe
1 5 10 15

<210> 807

<211> 15

<212> PRT

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<400> 807

Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr
1 5 10 15

<210> 808

<211> 15

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<400> 808

Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val
1 5 10 15

<210> 809

<211> 15

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<400> 809

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 810
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<220>
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<400> 810
 Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys
 1 5 10 15

<210> 811
 <211> 15
 <212> PRT
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<220>
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<400> 811
 Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu
 1 5 10 15

<210> 812
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<220>
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<400> 812
 Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr
 1 5 10 15

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<220>
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<400> 813
 Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly
 1 5 10 15

<210> 814
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 <212> PRT
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<220>
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<400> 814
 Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser
 1 5 10 15

<210> 815
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 <212> PRT
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<220>
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<400> 815

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Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly
 1 5 10 15

<210> 816
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 <212> PRT
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<400> 816
 Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu
 1 5 10 15

<210> 817
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 <212> PRT
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<220>
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<400> 817
 Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu
 1 5 10 15

<210> 818
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 <212> PRT
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<400> 818
 Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp
 1 5 10 15

<210> 819
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<400> 819
 Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp
 1 5 10 15

<210> 820
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<220>
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 1 5 10 15

<210> 821
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<400> 821

Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln Ala
1 5 10 15

<210> 822

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<212> PRT

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<400> 822

Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln Ala Glu
1 5 10 15

<210> 823

<211> 15

<212> PRT

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<400> 823

Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln Ala Glu Arg
1 5 10 15

<210> 824

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 824

Trp Thr Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile
1 5 10 15

Asp Ile

<210> 825

<211> 18

<212> PRT

<213> Artificial Sequence

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<400> 825

Thr Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp
1 5 10 15

Ile Val

<210> 826

<211> 18

<212> PRT

<213> Artificial Sequence

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Cys Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile
1 5 10 15

Val Val

<210> 827
 <211> 18
 <212> PRT
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<220>
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<400> 827
 Thr Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val
 1 5 10 15

Val Leu

<210> 828
 <211> 18
 <212> PRT
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<220>
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<400> 828
 Val Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val
 1 5 10 15

Leu Ala

<210> 829
 <211> 18
 <212> PRT
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<220>
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<400> 829
 Leu Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu
 1 5 10 15

Ala Phe

<210> 830
 <211> 18
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<400> 830
 Gln Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala
 1 5 10 15

Phe Gln

<210> 831
 <211> 18
 <212> PRT
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<400> 831
 Asn Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe

1 5 10 15

Gln Lys

<210> 832
 <211> 18
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<220>
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<400> 832
 Gln Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln
 1 5 10 15

Lys Ala

<210> 833
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 833
 Lys Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys
 1 5 10 15

Ala Ser

<210> 834
 <211> 18
 <212> PRT
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<220>
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<400> 834
 Lys Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala
 1 5 10 15

Ser Ser

<210> 835
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<400> 835
 Val Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser
 1 5 10 15

Ser Ile

<210> 836
 <211> 18
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<220>
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<400> 836

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Glu Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser
 1 5 10 15

Ile Val

<210> 837
 <211> 18
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<400> 837
 Phe Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile
 1 5 10 15

Val Tyr

<210> 838
 <211> 18
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<400> 838
 Lys Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val
 1 5 10 15

Tyr Lys

<210> 839
 <211> 18
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<220>
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<400> 839
 Ile Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr
 1 5 10 15

Lys Lys

<210> 840
 <211> 18
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<220>
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<400> 840
 Asp Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys
 1 5 10 15

Lys Glu

<210> 841
 <211> 18
 <212> PRT
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<220>
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<400> 841
 Ile Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys
 1 5 10 15

Glu Gly

<210> 842
 <211> 18
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<220>
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<400> 842
 Val Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu
 1 5 10 15

Gly Glu

<210> 843
 <211> 18
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<220>
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<400> 843
 Val Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly
 1 5 10 15

Glu Gln

<210> 844
 <211> 18
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<220>
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<400> 844
 Leu Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu
 1 5 10 15

Gln Val

<210> 845
 <211> 18
 <212> PRT
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<220>
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<400> 845
 Ala Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln
 1 5 10 15

Val Glu

<210> 846
 <211> 18
 <212> PRT
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<220>
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<400> 846

Phe Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val
 1 5 10 15

Glu Phe

<210> 847

<211> 18

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 847

Gln Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu
 1 5 10 15

Phe Ser

<210> 848

<211> 18

<212> PRT

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<220>

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<400> 848

Lys Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe
 1 5 10 15

Ser Phe

<210> 849

<211> 18

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<400> 849

Ala Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser
 1 5 10 15

Phe Pro

<210> 850

<211> 18

<212> PRT

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<220>

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<400> 850

Ser Ser Ile Val Tyr Lys Lys Glu Gly Glu Gln Val Glu Phe Ser Phe
 1 5 10 15

Pro Leu

<210> 851

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 851

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Ile | Val | Tyr | Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Leu Ala

<210> 852

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 852

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ile | Val | Tyr | Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu |
| 1 | | | 5 | | | | | 10 | | | | | | 15 | |

Ala Phe

<210> 853

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 853

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Val | Tyr | Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala |
| 1 | | | 5 | | | | | 10 | | | | | | 15 | |

Phe Thr

<210> 854

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 854

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tyr | Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe |
| 1 | | | 5 | | | | | 10 | | | | | | 15 | |

Thr Val

<210> 855

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 855

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Lys | Glu | Gly | Glu | Gln | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

Val Glu

<210> 856

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 856

Lys Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val
 1 5 10 15

Glu Lys

<210> 857

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 857

Glu Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

Lys Leu

<210> 858

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 858

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys
 1 5 10 15

Leu Thr

<210> 859

<211> 18

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 859

Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu
 1 5 10 15

Thr Gly

<210> 860

<211> 18

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<223> Description of Artificial Sequence: binding peptide

<400> 860

Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr
 1 5 10 15

Gly Ser

<210> 861

<211> 18

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 861

Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly
1 5 10 15

Ser Gly

<210> 862

<211> 18

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 862

Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser
1 5 10 15

Gly Glu

<210> 863

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 863

Phe Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly
1 5 10 15

Glu Leu

<210> 864

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<400> 864

Ser Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu
1 5 10 15

Leu Trp

<210> 865

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 865

Phe Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu
1 5 10 15

Trp Trp

<210> 866

<211> 18

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<212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 866
 Pro Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp
 1 5 10 15

Trp Gln

<210> 867
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 867
 Leu Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp
 1 5 10 15

Gln Ala

<210> 868
 <211> 18
 <212> PRT
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<220>
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<400> 868
 Ala Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln
 1 5 10 15

Ala Glu

<210> 869
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 869
 Phe Thr Val Glu Lys Leu Thr Gly Ser Gly Glu Leu Trp Trp Gln Ala
 1 5 10 15

Glu Arg

<210> 870
 <211> 9
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<220>
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<400> 870
 Asp Gln Gly Asn Phe Pro Leu Ile Ile
 1 5

<210> 871
 <211> 9
 <212> PRT

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 871

Gln Gly Asn Phe Pro Leu Ile Ile Lys
1 5

<210> 872

<211> 9

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 872

Gly Asn Phe Pro Leu Ile Ile Lys Asn
1 5

<210> 873

<211> 9

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 873

Asn Phe Pro Leu Ile Ile Lys Asn Leu
1 5

<210> 874

<211> 9

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 874

Phe Pro Leu Ile Ile Lys Asn Leu Lys
1 5

<210> 875

<211> 9

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 875

Pro Leu Ile Ile Lys Asn Leu Lys Ile
1 5

<210> 876

<211> 9

<212> PRT

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<223> Description of Artificial Sequence: binding peptide

<400> 876

Leu Ile Ile Lys Asn Leu Lys Ile Glu
1 5

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<210> 877
 <211> 9
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<220>
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<400> 877
 Ile Ile Lys Asn Leu Lys Ile Glu Asp
 1 5

<210> 878
 <211> 9
 <212> PRT
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<220>
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<400> 878
 Ile Lys Asn Leu Lys Ile Glu Asp Ser
 1 5

<210> 879
 <211> 9
 <212> PRT
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<400> 879
 Lys Asn Leu Lys Ile Glu Asp Ser Asp
 1 5

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<211> 12
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<210> 965
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Ile Val Val Leu Ala Phe Gln Lys Ala
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<211> 9
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<210> 987
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<400> 991

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Val Tyr Lys Lys Glu Gly Glu Gln Val
 1 5

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Glu Gln Val Glu Phe Ser Phe Pro Leu
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Ser Phe Pro Leu Ala Phe Thr Val Glu
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Pro Leu Ala Phe Thr Val Glu Lys Leu
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<400> 1014

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<400> 1031
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 1 5 10

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<210> 1032
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<400> 1032
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 1 5 10

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 1 5 10

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<220>
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<400> 1060
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 1 5 10 15

<210> 1063
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<400> 1063
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 1 5 10 15

<210> 1064
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<220>
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<400> 1064
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 1 5 10 15

<210> 1065
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 1 5 10 15

<210> 1066
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<223> Description of Artificial Sequence: binding peptide

<400> 1066

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glx | Glx | Glx | Glx | Glx | Glx | Asp | Thr | Tyr | Ile | Cys | Ala | Val | Glu | Asp |
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| Glx | Glx | Glx | Glx | Glx | Glx | Asp | Thr | Tyr | Ile | Cys | Glu | Ala | Glu | Asp |
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| Glx | Glx | Glx | Glx | Glx | Glx | Asp | Thr | Tyr | Ile | Cys | Glu | Val | Ala | Asp |
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| Glx | Glx | Glx | Glx | Glx | Glx | Asp | Thr | Tyr | Ile | Cys | Glu | Val | Glu | Ala |
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| Glx | Glx | Glx | Glx | Glx | Glx | Asp | Thr | Tyr | Ile | Cys | Glu | Val | Glu | Asp |
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<400> 1071

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| Glx | Glx | Glx | Glx | Glx | Glx | Asp | Thr | Tyr | Ile | Cys | Glu | Val | Glu | Asp |
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<210> 1084
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 1 5 10 15

<210> 1087
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1088
 Glu Glu Val Gln Leu Leu Ala Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1089
 <211> 15
 <212> PRT
 <213> Artificial Sequence

10084813 022700
 202202 130400T

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1089

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | Val | Gln | Leu | Leu | Val | Ala | Gly | Leu | Thr | Ala | Asn | Ser | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1090

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1090

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | Val | Gln | Leu | Leu | Val | Phe | Ala | Leu | Thr | Ala | Asn | Ser | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1091

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1091

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | Val | Gln | Leu | Leu | Val | Phe | Gly | Ala | Thr | Ala | Asn | Ser | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1092

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1092

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | Val | Gln | Leu | Leu | Val | Phe | Gly | Leu | Ala | Ala | Asn | Ser | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1093

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1093

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | Val | Gln | Leu | Leu | Val | Phe | Gly | Leu | Thr | Thr | Asn | Ser | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1094

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1094

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Glu | Val | Gln | Leu | Leu | Val | Phe | Gly | Leu | Thr | Ala | Ala | Ser | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1095

<211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1095
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ala Asp
 1 5 10 15

<210> 1096
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1096
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Ala
 1 5 10 15

<210> 1097
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1097
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1098
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1098
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1099
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1099
 Ala Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1100
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1100
 Glu Ala Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp

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      1              5              10              15
<210> 1101
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1101
Glu Glu Ala Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
  1              5              10              15

<210> 1102
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1102
Glu Glu Val Ala Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
  1              5              10              15

<210> 1103
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1103
Glu Glu Val Gln Ala Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
  1              5              10              15

<210> 1104
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1104
Glu Glu Val Gln Leu Ala Val Phe Gly Leu Thr Ala Asn Ser Asp
  1              5              10              15

<210> 1105
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1105
Glu Glu Val Gln Leu Leu Ala Phe Gly Leu Thr Ala Asn Ser Asp
  1              5              10              15

<210> 1106
<211> 15
<212> PRT
<213> Artificial Sequence

<220>

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20220713 10084813.000700

<223> Description of Artificial Sequence: binding peptide

<400> 1106
 Glu Glu Val Gln Leu Leu Val Ala Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1107

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1107
 Glu Glu Val Gln Leu Leu Val Phe Ala Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1108

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1108
 Glu Glu Val Gln Leu Leu Val Phe Gly Ala Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1109

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1109
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Ala Ala Asn Ser Asp
 1 5 10 15

<210> 1110

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1110
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Thr Asn Ser Asp
 1 5 10 15

<210> 1111

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1111
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Ala Ser Asp
 1 5 10 15

<210> 1112

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1112
Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ala Asp
1 5 10 15

<210> 1113

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1113
Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Ala
1 5 10 15

<210> 1114

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1114
Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
1 5 10 15

<210> 1115

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1115
Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1116

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1116
Ala His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1117

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1117
Thr Ala Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1118
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1118
 Thr His Ala Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1119
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1119
 Thr His Leu Ala Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1120
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1120
 Thr His Leu Leu Ala Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1121
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1121
 Thr His Leu Leu Gln Ala Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1122
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1122
 Thr His Leu Leu Gln Gly Gln Ala Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1123
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1123

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Thr His Leu Leu Gln Gly Gln Ala Leu Thr Leu Thr Leu Glu
 1 5 10

<210> 1124
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1124
 Thr His Leu Leu Gln Gly Gln Ser Ala Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1125
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1125
 Thr His Leu Leu Gln Gly Gln Ser Leu Ala Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1126
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1126
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Ala Thr Leu Glu Ser
 1 5 10 15

<210> 1127
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1127
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Ala Leu Glu Ser
 1 5 10 15

<210> 1128
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1128
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Ala Glu Ser
 1 5 10 15

<210> 1129
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1129

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Ala Ser
1 5 10 15

<210> 1130

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1130

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ala
1 5 10 15

<210> 1131

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1131

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1132

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1132

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1133

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1133

Ala His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1134

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1134

Thr Ala Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1135

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1135

Thr His Ala Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1136

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1136

Thr His Leu Ala Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1137

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1137

Thr His Leu Leu Ala Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1138

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1138

Thr His Leu Leu Gln Ala Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1139

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1139

Thr His Leu Leu Gln Gly Ala Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1140

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1140

Thr His Leu Leu Gln Gly Gln Ala Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1141
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1141
 Thr His Leu Leu Gln Gly Gln Ser Ala Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1142
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1142
 Thr His Leu Leu Gln Gly Gln Ser Leu Ala Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1143
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1143
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Ala Thr Leu Glu Ser
 1 5 10 15

<210> 1144
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1144
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Ala Leu Glu Ser
 1 5 10 15

<210> 1145
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1145
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Ala Glu Ser
 1 5 10 15

<210> 1146
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1146

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Ala Ser
 1 5 10 15

<210> 1147

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 1147

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ala
 1 5 10 15

<210> 1148

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: binding peptide

<400> 1148

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1149

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1149

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1150

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1150

Ala Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1151

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1151

Gly Ala Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1152

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1152

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Ala | Val | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1153

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1153

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Gln | Ala | Glu | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1154

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1154

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Gln | Val | Ala | Phe | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1155

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1155

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Gln | Val | Glu | Ala | Ser | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1156

<211> 15

<212> PRT

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<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1156

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Gln | Val | Glu | Phe | Ala | Phe | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1157

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1157

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Glu | Gln | Val | Glu | Phe | Ser | Ala | Pro | Leu | Ala | Phe | Thr | Val | Glu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 1158

<211> 15

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1158
 Gly Glu Gln Val Glu Phe Ser Phe Ala Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1159
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1159
 Gly Glu Gln Val Glu Phe Ser Phe Pro Ala Ala Phe Thr Val Glu
 1 5 10 15

<210> 1160
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1160
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Thr Phe Thr Val Glu
 1 5 10 15

<210> 1161
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1161
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Ala Thr Val Glu
 1 5 10 15

<210> 1162
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1162
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Ala Val Glu
 1 5 10 15

<210> 1163
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1163
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Ala Glu
 1 5 10 15

<210> 1164
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1164
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Ala
 1 5 10 15

<210> 1165
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1165
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1166
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1166
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1167
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1167
 Ala Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1168
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1168
 Gly Ala Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1169
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1169
 Gly Glu Ala Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1170
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1170
 Gly Glu Gln Ala Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1171
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1171
 Gly Glu Gln Val Ala Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1172
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1172
 Gly Glu Gln Val Glu Ala Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1173
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1173
 Gly Glu Gln Val Glu Phe Ala Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1174
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1174
 Gly Glu Gln Val Glu Phe Ser Ala Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1175
 <211> 15
 <212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1175
Gly Glu Gln Val Glu Phe Ser Phe Ala Leu Ala Phe Thr Val Glu
 1             5             10             15

<210> 1176
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1176
Gly Glu Gln Val Glu Phe Ser Phe Pro Ala Ala Phe Thr Val Glu
 1             5             10             15

<210> 1177
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1177
Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Thr Phe Thr Val Glu
 1             5             10             15

<210> 1178
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1178
Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Ala Thr Val Glu
 1             5             10             15

<210> 1179
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1179
Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Ala Val Glu
 1             5             10             15

<210> 1180
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1180
Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Ala Glu
 1             5             10             15

<210> 1181
<211> 15

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<212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1181

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Ala
 1 5 10 15

<210> 1182
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1182

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1183
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1183

Glx Glx Glx Glx Glx Glx Asp Thr Tyr Ile Cys Glu Val Glu Asp
 1 5 10 15

<210> 1184
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1184

Glx Glx Glx Glx Glx Glx Asp Thr Tyr Ile Cys Glu Val Glu Glx
 1 5 10 15

<210> 1185
 <211> 15
 <212> PRT
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<220>
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<400> 1185

Glx Glx Glx Glx Glx Glx Asp Thr Tyr Ile Cys Glu Val Glx Glx
 1 5 10 15

<210> 1186
 <211> 15
 <212> PRT
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<220>
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<400> 1186

Glx Glx Glx Glx Glx Glx Asp Thr Tyr Ile Cys Glu Glx Glx Glx

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1              5              10              15
<210> 1187
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1187
Glx Glx Glx Glx Glx Asp Thr Tyr Ile Glx Glx Glx Glx Glx
 1              5              10              15

<210> 1188
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1188
Glx Glx Glx Glx Glx Glx Glx Thr Tyr Ile Cys Glu Val Glu Asp
 1              5              10              15

<210> 1189
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1189
Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1              5              10              15

<210> 1190
<211> 15
<212> PRT
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<220>
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<400> 1190
Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Glx
 1              5              10              15

<210> 1191
<211> 15
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1191
Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Glx Glx
 1              5              10              15

<210> 1192
<211> 15
<212> PRT
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<220>
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<400> 1192
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Glx Glx Glx
 1 5 10 15

<210> 1193
 <211> 15
 <212> PRT
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<220>
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<400> 1193
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Glx Glx Glx Glx
 1 5 10 15

<210> 1194
 <211> 15
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<220>
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<400> 1194
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1195
 <211> 15
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<220>
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<400> 1195
 Glu Glu Val Gln Leu Leu Val Phe Gly Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1196
 <211> 15
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<400> 1196
 Glu Glu Val Gln Leu Leu Val Phe Glx Glx Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1197
 <211> 15
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<220>
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<400> 1197
 Glu Glu Val Gln Leu Leu Val Glx Glx Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1198
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1198
Glx Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1             5             10             15

<210> 1199
<211> 15
<212> PRT
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<220>
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<400> 1199
Glx Glx Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1             5             10             15

<210> 1200
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1200
Glx Glx Glx Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1             5             10             15

<210> 1201
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1201
Glx Glx Glx Glx Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1             5             10             15

<210> 1202
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1202
Glx Glx Glx Glx Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1             5             10             15

<210> 1203
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1203
Glx Glx Glx Glx Glx Glx Val Phe Gly Leu Thr Ala Asn Ser Asp
 1             5             10             15

<210> 1204

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<211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1204
 Glx Glx Glx Glx Glx Glx Glx Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1205
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1205
 Glx Glx Glx Glx Glx Glx Glx Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1206
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1206
 Glu Glu Val Gln Leu Leu Val Phe Gly Leu Thr Ala Asn Ser Asp
 1 5 10 15

<210> 1207
 <211> 15
 <212> PRT
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<220>
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<400> 1207
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1208
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1208
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Glx
 1 5 10 15

<210> 1209
 <211> 15
 <212> PRT
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<220>
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<400> 1209
 Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glx Glx


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1              5              10              15
<210> 1210
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<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1210
Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Glx Glx Glx
  1              5              10              15

<210> 1211
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1211
Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Glx Glx Glx Glx
  1              5              10              15

<210> 1212
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1212
Thr His Leu Leu Gln Gly Gln Ser Leu Thr Glx Glx Glx Glx Glx
  1              5              10              15

<210> 1213
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1213
Thr His Leu Leu Gln Gly Gln Ser Leu Glx Glx Glx Glx Glx Glx
  1              5              10              15

<210> 1214
<211> 15
<212> PRT
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<220>
<223> Description of Artificial Sequence: binding peptide

<400> 1214
Thr His Leu Leu Gln Gly Gln Ser Glx Glx Glx Glx Glx Glx Glx
  1              5              10              15

<210> 1215
<211> 15
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<220>
<223> Description of Artificial Sequence: binding peptide

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<400> 1215
 Thr His Leu Leu Gln Gly Gln Glx Glx Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1216
 <211> 15
 <212> PRT
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<220>
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<400> 1216
 Glx His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1217
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1217
 Glx Glx Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1218
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1218
 Glx Glx Glx Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1219
 <211> 15
 <212> PRT
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<220>
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<400> 1219
 Glx Glx Glx Glx Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1220
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1220
 Glx Glx Glx Glx Glx Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
 1 5 10 15

<210> 1221
 <211> 15
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1221

Glx Glx Glx Glx Glx Glx Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1222

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1222

Glx Glx Glx Glx Glx Glx Glx Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1223

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1223

Glx Glx Glx Glx Glx Glx Glx Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1224

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1224

Thr His Leu Leu Gln Gly Gln Ser Leu Thr Leu Thr Leu Glu Ser
1 5 10 15

<210> 1225

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1225

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 1226

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1226

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glx
1 5 10 15

<210> 1227
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1227
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Glx Glx
 1 5 10 15

<210> 1228
 <211> 15
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1228
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Glx Glx Glx
 1 5 10 15

<210> 1229
 <211> 15
 <212> PRT
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<220>
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<400> 1229
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Glx Glx Glx Glx
 1 5 10 15

<210> 1230
 <211> 15
 <212> PRT
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<220>
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<400> 1230
 Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1231
 <211> 15
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<220>
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<400> 1231
 Gly Glu Gln Val Glu Phe Ser Phe Pro Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1232
 <211> 15
 <212> PRT
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<220>
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<400> 1232

Gly Glu Gln Val Glu Phe Ser Phe Glx Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1233
 <211> 15
 <212> PRT
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<220>
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<400> 1233
 Gly Glu Gln Val Glu Phe Ser Glx Glx Glx Glx Glx Glx Glx
 1 5 10 15

<210> 1234
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: binding peptide

<400> 1234
 Glx Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1235
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1235
 Glx Glx Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1236
 <211> 15
 <212> PRT
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<220>
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<400> 1236
 Glx Glx Glx Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1237
 <211> 15
 <212> PRT
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<220>
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<400> 1237
 Glx Glx Glx Glx Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
 1 5 10 15

<210> 1238
 <211> 15
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 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1238

Glx Glx Glx Glx Glx Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 1239

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1239

Glx Glx Glx Glx Glx Ser Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 1240

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1240

Glx Glx Glx Glx Glx Glx Glx Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 1241

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1241

Glx Glx Glx Glx Glx Glx Glx Pro Leu Ala Phe Thr Val Glu
1 5 10 15

<210> 1242

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: binding peptide

<400> 1242

Gly Glu Gln Val Glu Phe Ser Phe Pro Leu Ala Phe Thr Val Glu
1 5 10 15